

Conducted test results

No.1-6579-23-01-32_TR1-A201-R1

May 16, 2024

Test Standard(s)	FCC 15.407, ISED RSS247 - NI FCC 15.407 - NI
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Authorized

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Lab Manager
Radio Labs

Table of Content

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-3	7
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-3	11
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-1	15
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-1	19
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3	23
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3	27
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3	31
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3	35
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1	39
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1	43
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1	47
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1	51
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	55
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	59
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	63
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	67
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	71
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3	75
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	79
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	83
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	87
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	91
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	95
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1	99
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	103
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	107
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	111
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	115
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	119
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3	123
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	127
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	131
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	135
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	139
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	143
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1	147
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	151
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	156
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	161
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	166
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	171

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A	176
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	181
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	186
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	191
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	196
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	201
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C	206
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	211
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	216
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	221
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	226
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	231
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A	236
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	241
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	246
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	251
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	256
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	261
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C	266
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A	271
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A	276
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A	281
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A	286
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	291
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	296
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	301
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	306
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	311
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C	316
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2A	321
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2A	326
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C	331
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C	336
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C	341
FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C	346
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx ac-VHT80 mode U-NII-3	351
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx ac-VHT80 mode U-NII-3	354
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3	357
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3	360
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3	363
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3	366
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	369
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	372
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	375

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	378
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	381
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3	384
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	387
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	390
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	393
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	396
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	399
FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3	402
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-3	405
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-3	410
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-1	415
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-1	419
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3	423
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3	428
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3	433
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3	438
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-1	443
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-1	447
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-1	451
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-1	455
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	459
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	464
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	469
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	474
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	479
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-3	484
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	489
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	493
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	497
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	501
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	505
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-1	509
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	513
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	517
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	522
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	527
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	532
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	537
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-3	542
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	547
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	551
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	555
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	559

FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-1	563
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	567
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	571
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	575
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	579
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	583
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A	587
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	591
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	595
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	599
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	603
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	607
FCC 15.407 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C	611
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	615
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	619
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	623
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	627
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	631
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2A	635
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	639
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	643
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	647
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	651
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	655
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT20 mode U-NII-2C	659
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2A	663
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2A	667
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2A	671
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2A	675
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	679
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	683
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	687
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	691
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	695
FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-2C	699
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2A	703
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2A	707
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2C	711
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2C	715
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2C	719
FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-2C	723
FCC 15.407, ISSED RSS247 # Minimum emission bandwidth ~ WLAN5Gx ac-VHT80 mode U-NII-3	727
FCC 15.407, ISSED RSS247 # Minimum emission bandwidth ~ WLAN5Gx ac-VHT80 mode U-NII-3	729
FCC 15.407, ISSED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT40 mode U-NII-3	731

FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT40 mode U-NII-3	733
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT40 mode U-NII-3	735
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT40 mode U-NII-3	737
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	739
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	741
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	743
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	745
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	747
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx n-HT20 mode U-NII-3	749
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	751
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	753
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	755
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	757
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	759
FCC 15.407, ISED RSS247 # Minimum emission bandwidth ~ WLAN5Gx a mode U-NII-3	761

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 19:00:41
Ambit temp [°C] humidity [rel%]	26.8 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

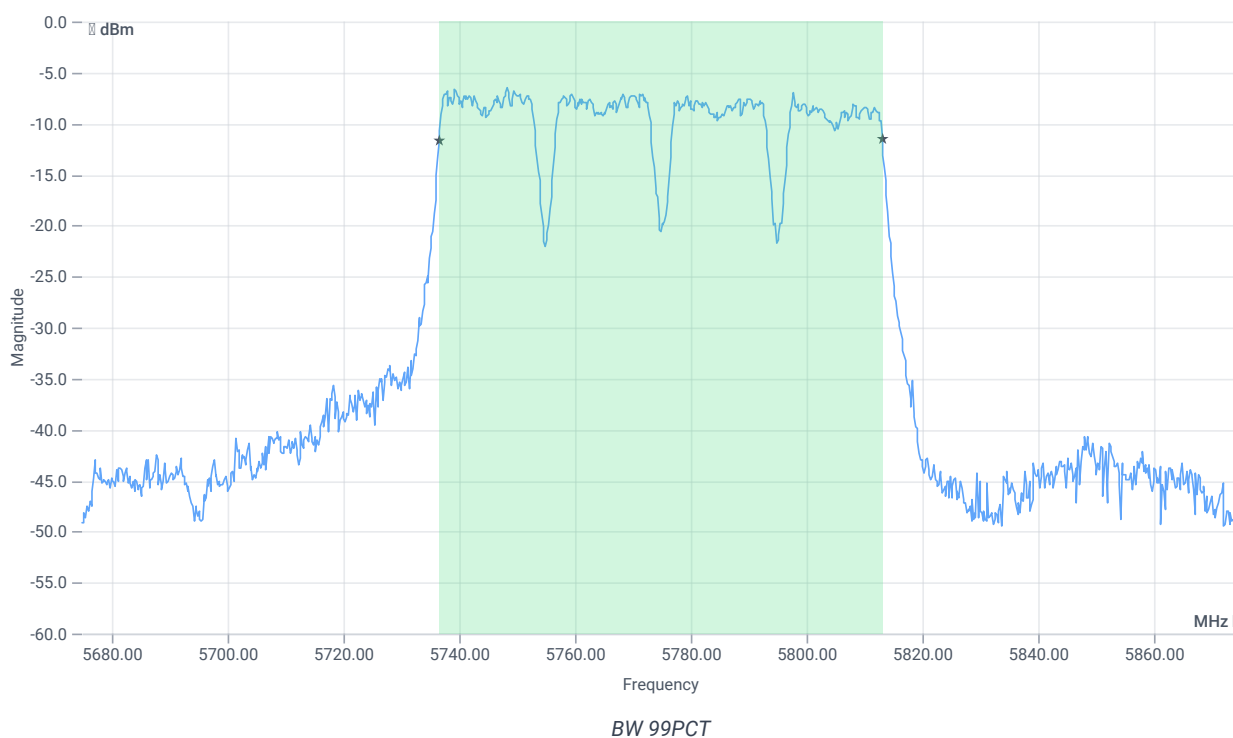
Test at TX 5775 MHz

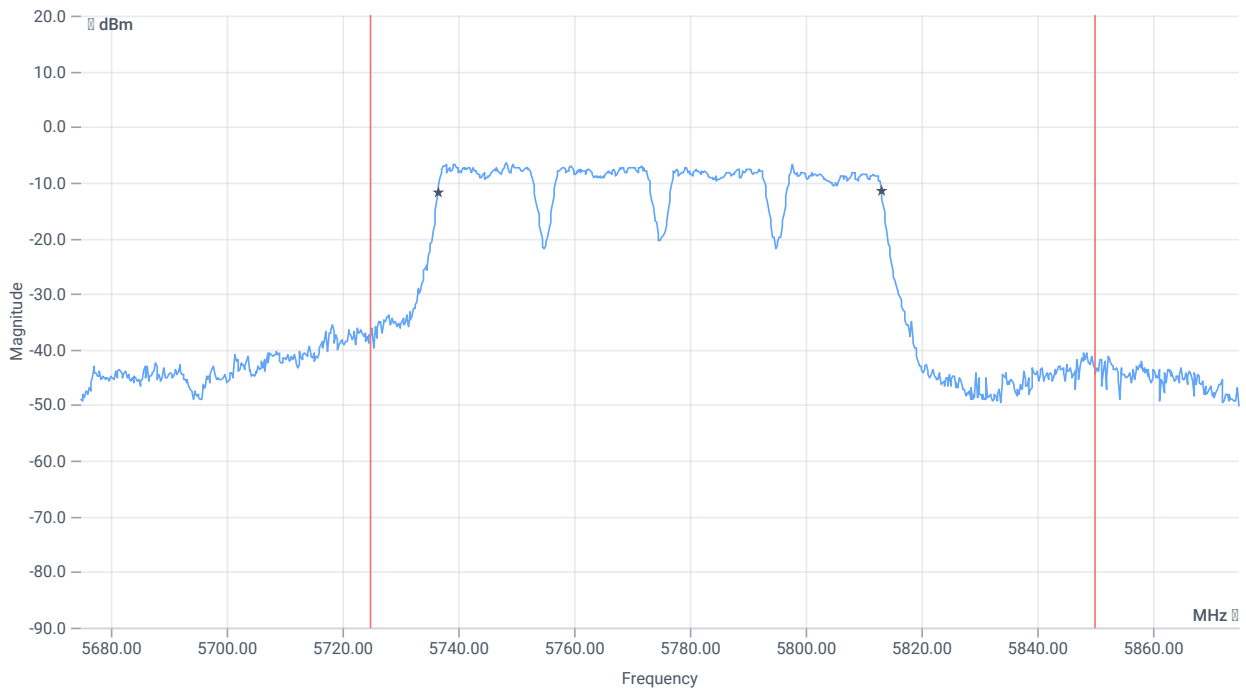
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-7.83	dBm	INFO
Ref. frequency	---	---	5766.010	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	0.17 10.41 5
Start [MHz] Stop [MHz]	5675.000 5875.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

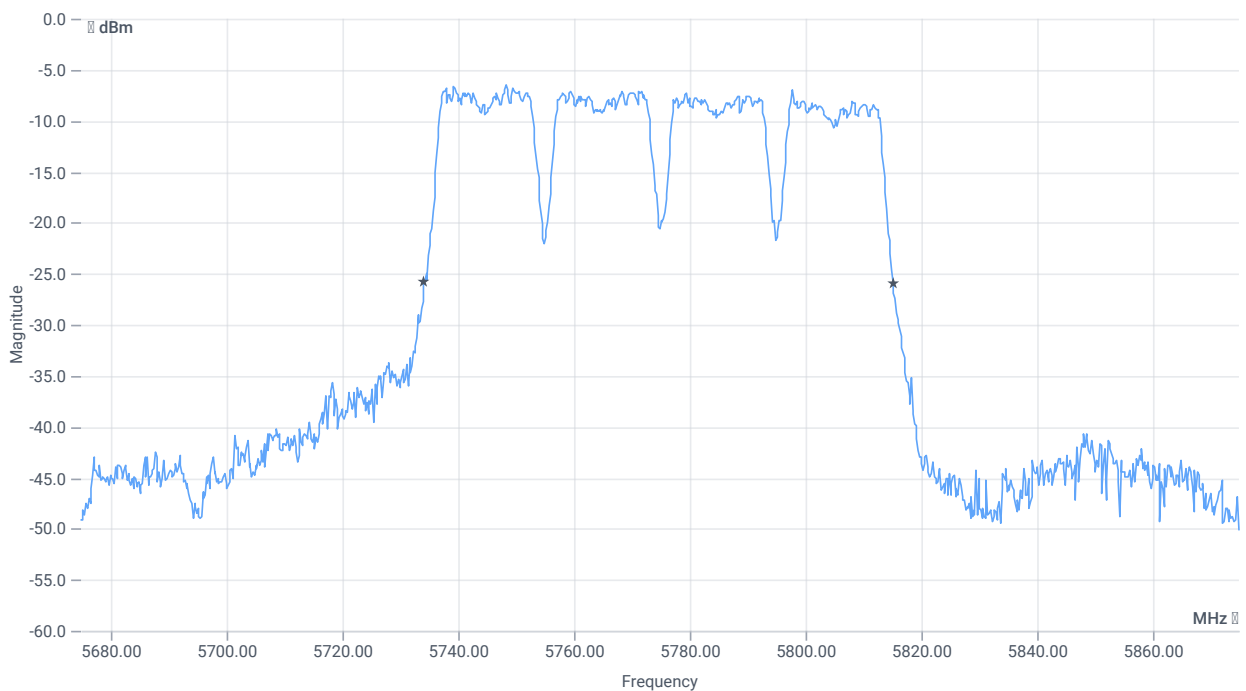




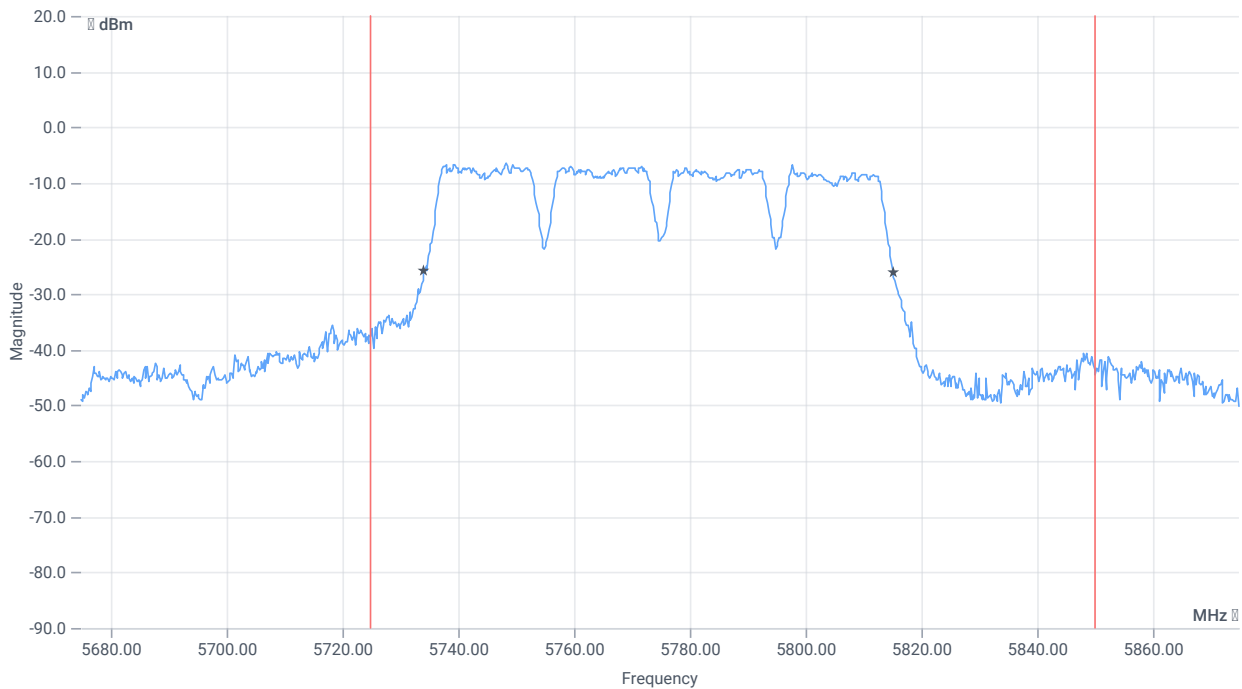
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.523	MHz	INFO
T1 99%	5725.000000	---	5736.6384	MHz	PASS
T2 99%	---	5813.1618	5813.1618	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	81	MHz	INFO
T1 20dB	5725.000000	---	5734.2000	MHz	PASS
T2 20dB	---	5850.000000	5815.2000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 18:49:39
Ambit temp [°C] humidity [rel%]	26.7 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

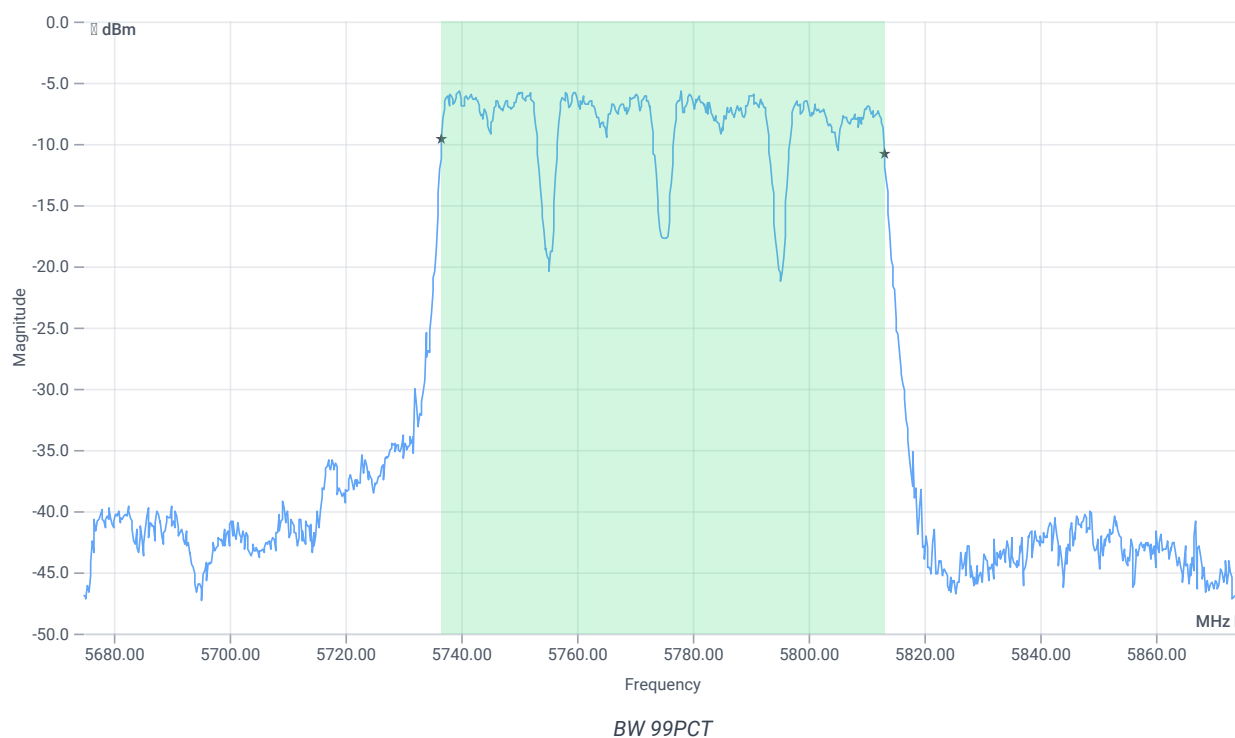
Test at TX 5775 MHz

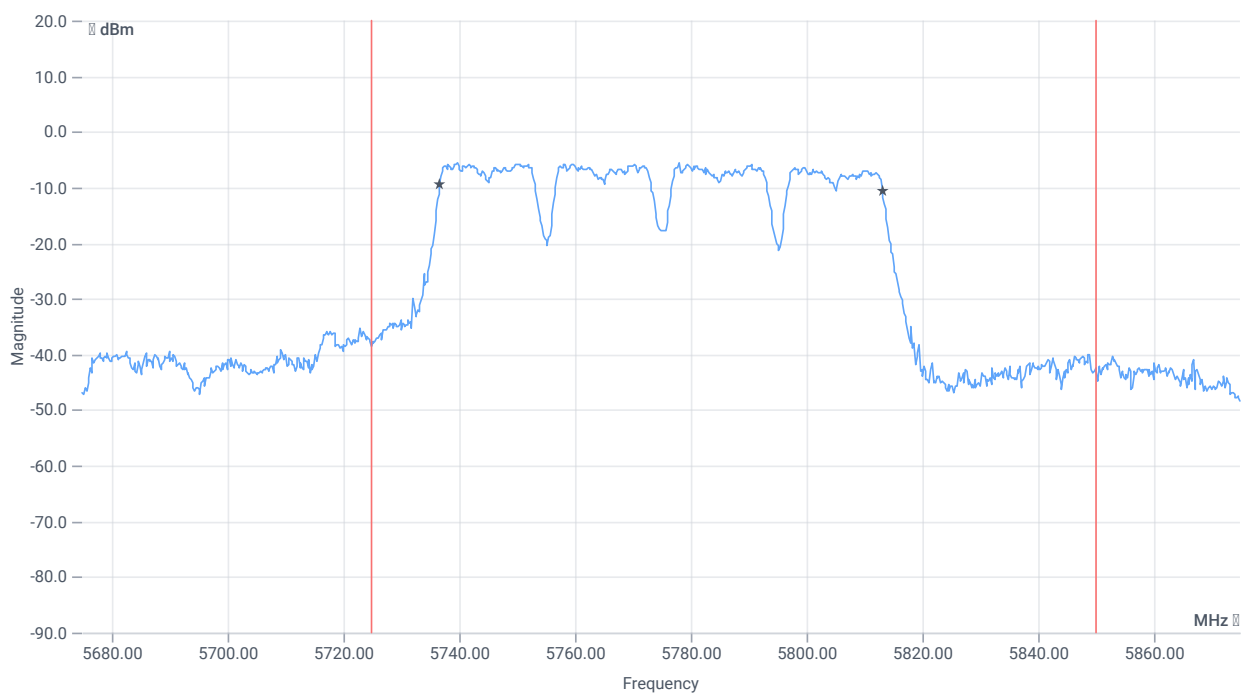
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.59	dBm	INFO
Ref. frequency	---	---	5790.780	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.41 10.38 10
Start [MHz] Stop [MHz]	5675.000 5875.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

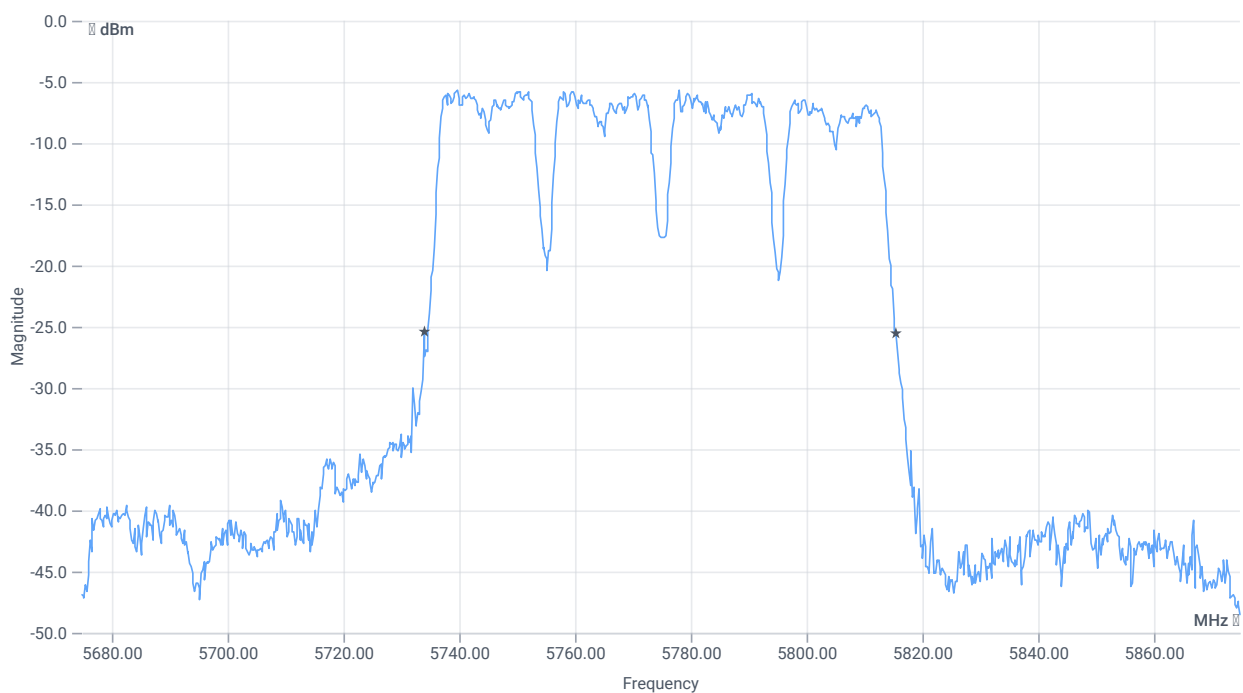




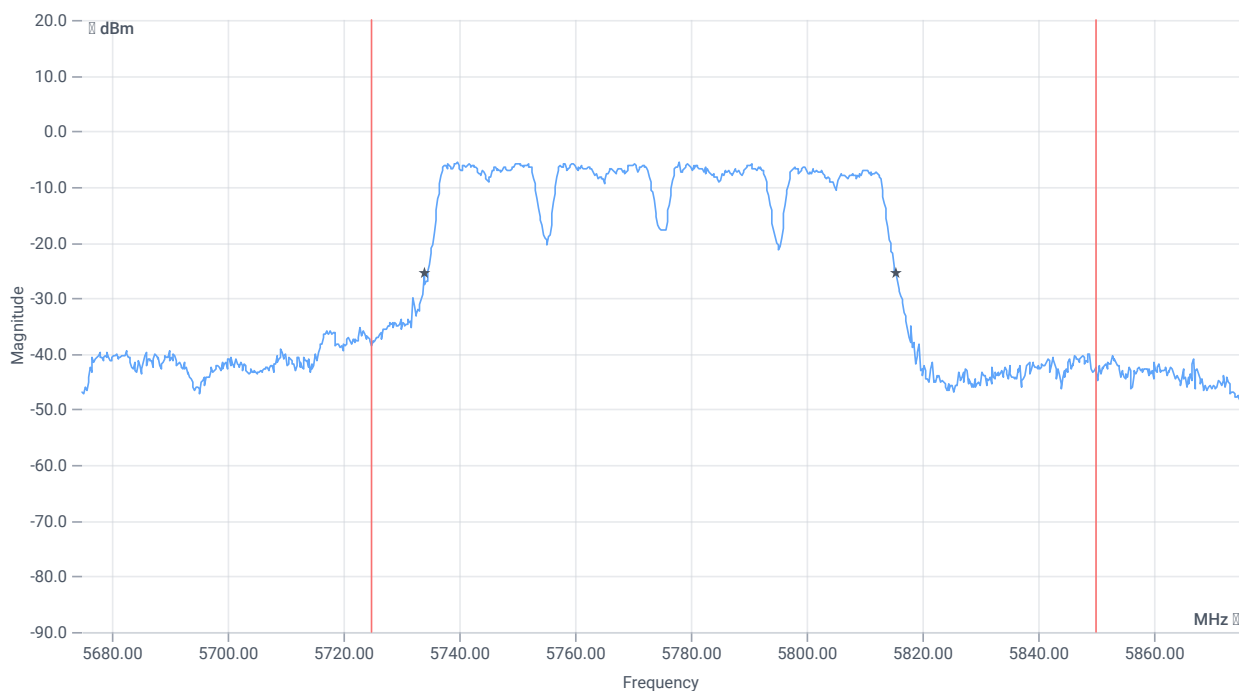
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5725.000000	---	5736.8382	MHz	PASS
T2 99%	---	5850.000000	5813.1618	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	81.6	MHz	INFO
T1 20dB	5725.000000	---	5734.0000	MHz	PASS
T2 20dB	---	5850.000000	5815.6000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-1

References

TC start	26.01.2024 18:38:15
Ambit temp [°C] humidity [rel%]	26.8 34
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5210
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

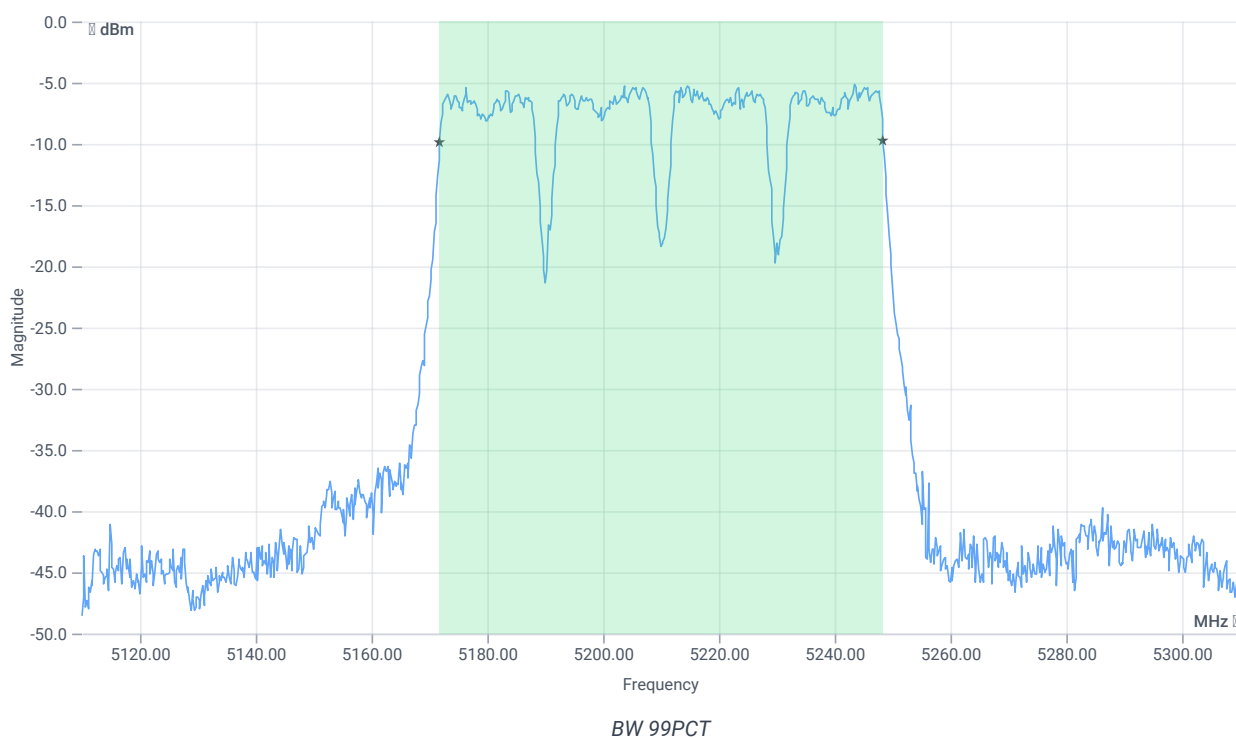
Test at TX 5210 MHz

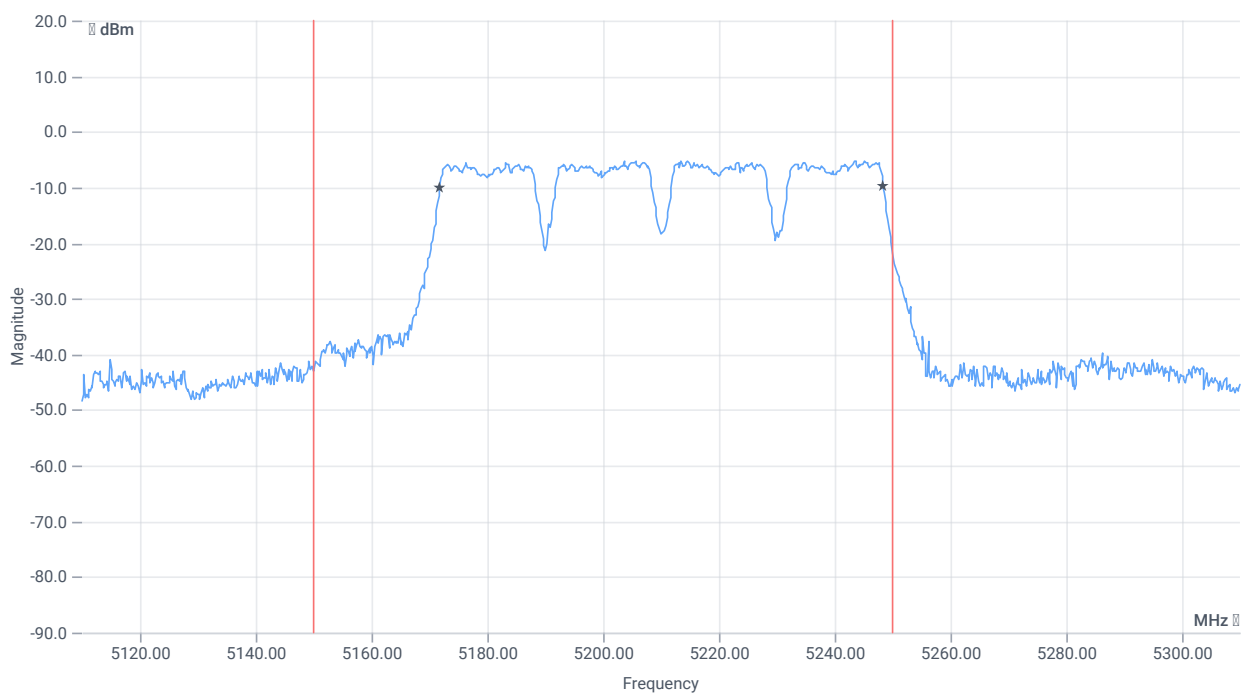
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-5.79	dBm	INFO
Ref. frequency	---	---	5224.990	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.21 10.05 10
Start [MHz] Stop [MHz]	5110.000 5310.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

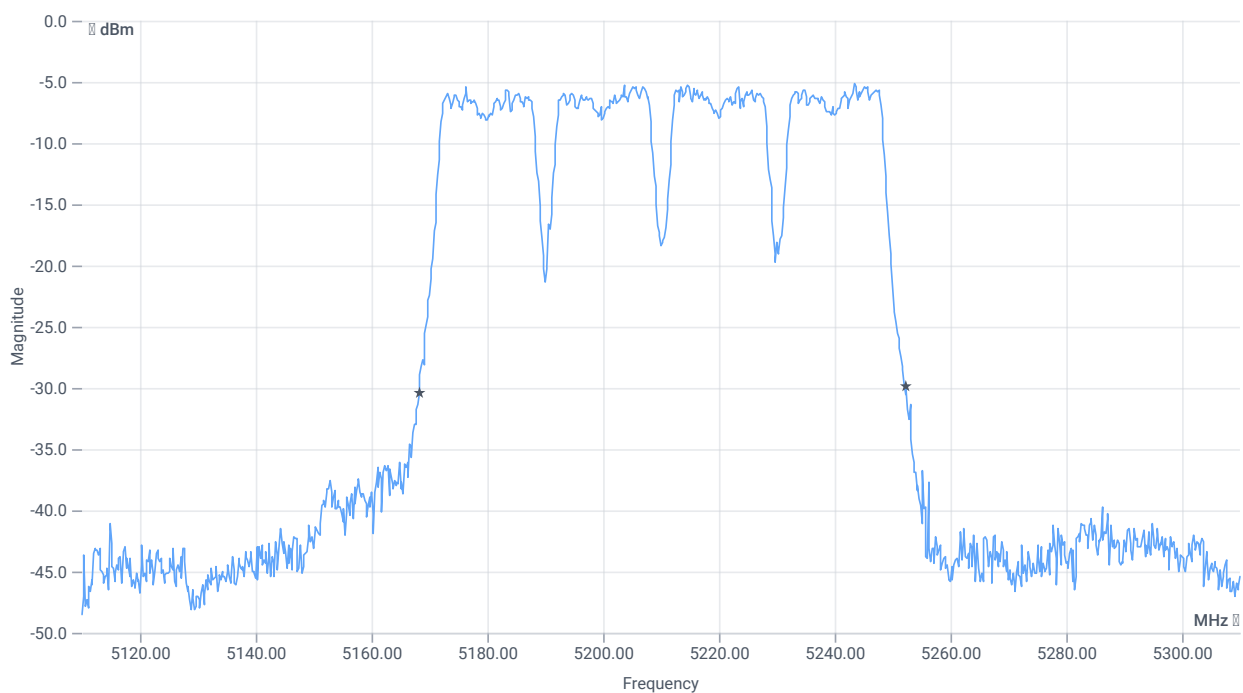




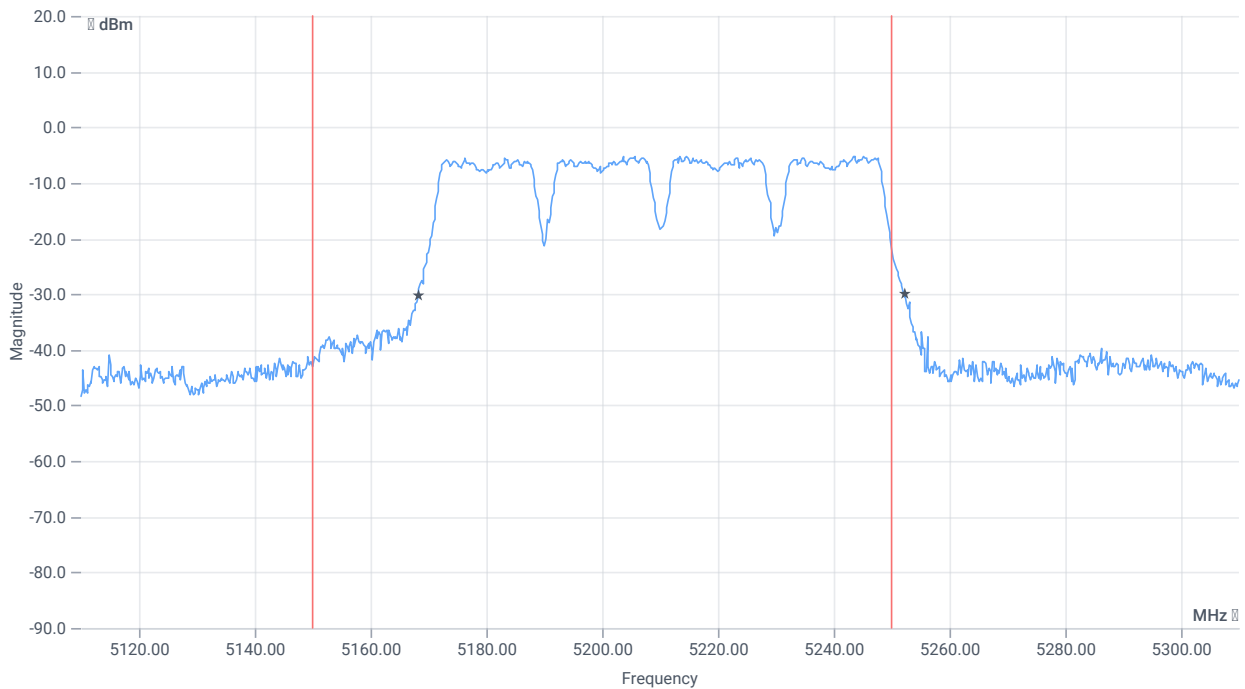
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.523	MHz	INFO
T1 99%	5150.000000	---	5171.8382	MHz	PASS
T2 99%	---	5250.000000	5248.3616	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.2	MHz	INFO
T1 26dB	5150.000000	---	5168.2000	MHz	PASS
T2 26dB	---	5250.000000	5252.4000	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-1

References

TC start	26.01.2024 18:31:59
Ambit temp [°C] humidity [rel%]	26.8 30
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5210
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

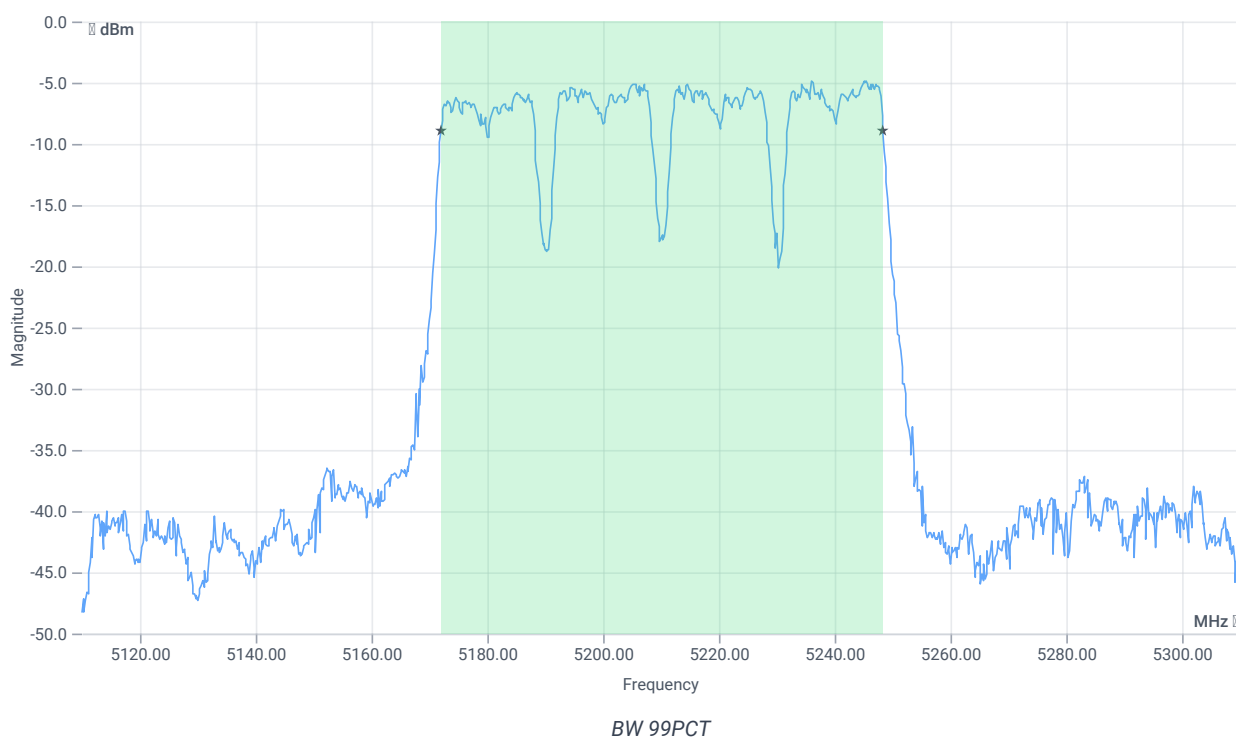
Test at TX 5210 MHz

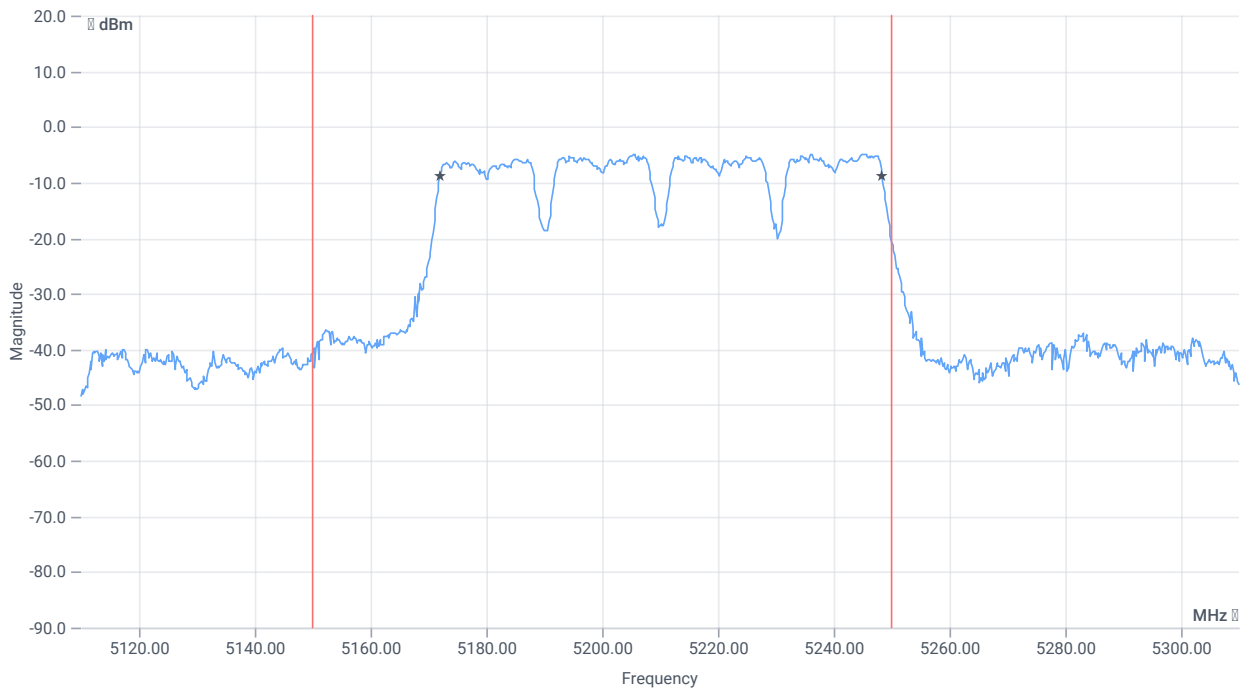
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-5.34	dBm	INFO
Ref. frequency	---	---	5244.970	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.66 10.02 10
Start [MHz] Stop [MHz]	5110.000 5310.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

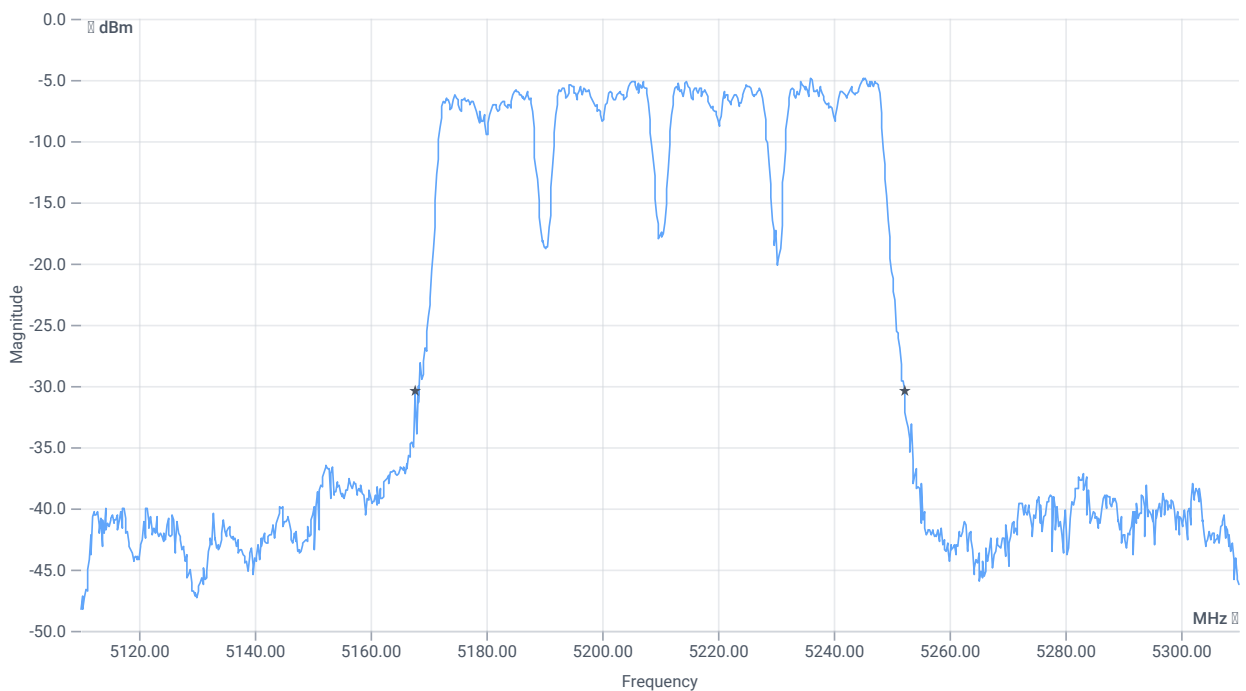




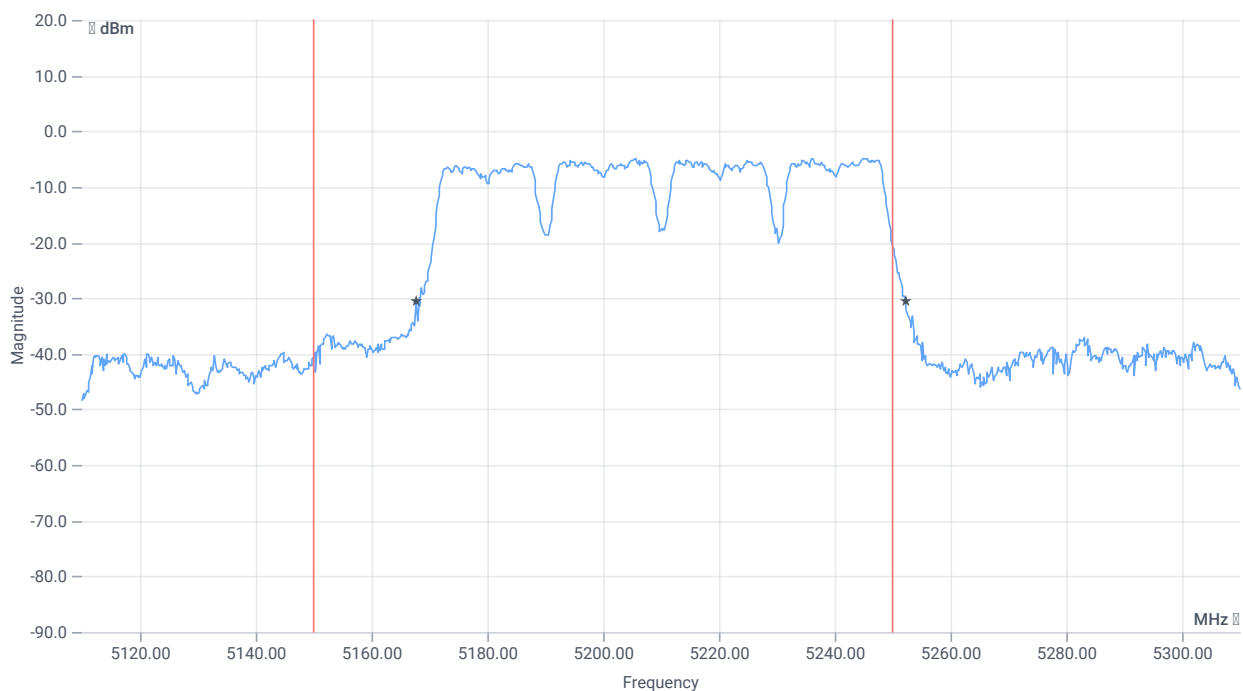
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5150.000000	---	5172.0380	MHz	PASS
T2 99%	---	5250.000000	5248.3616	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.6	MHz	INFO
T1 26dB	5150.000000	---	5167.6000	MHz	PASS
T2 26dB	---	5250.000000	5252.2000	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:20:41
Ambit temp [°C] humidity [rel%]	26.8 32
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

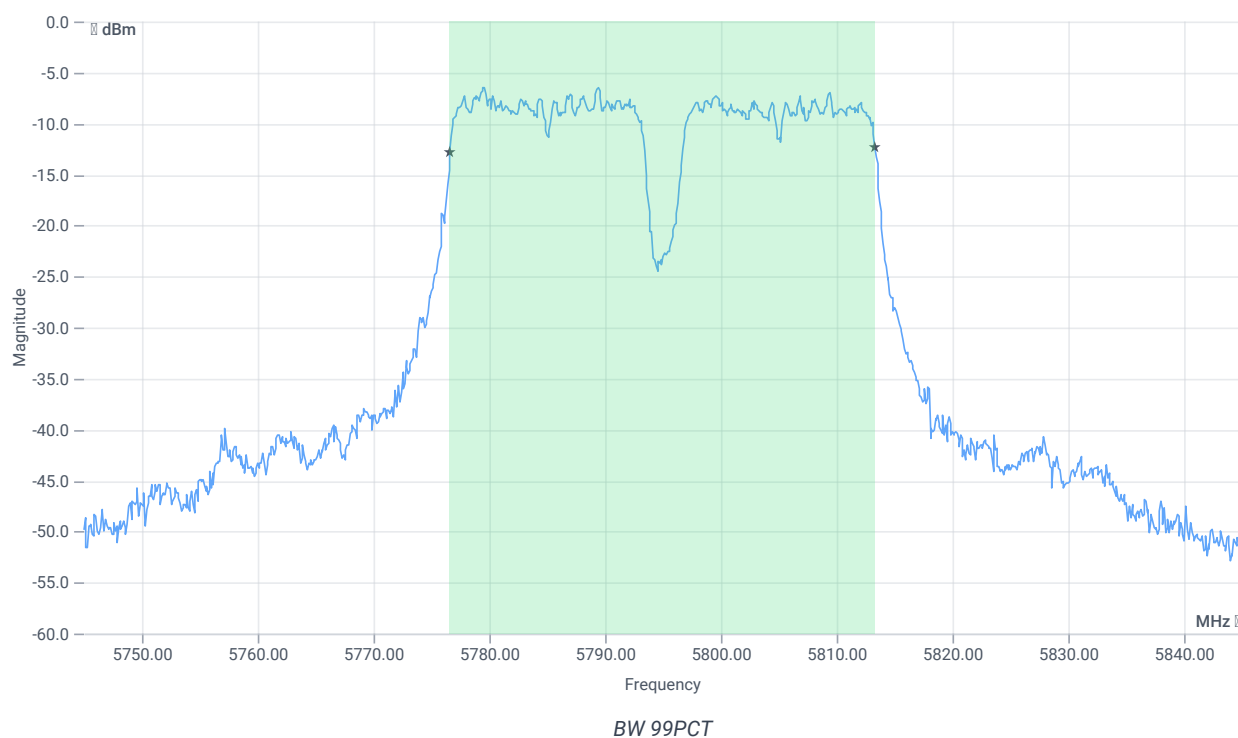
Test at TX 5795 MHz

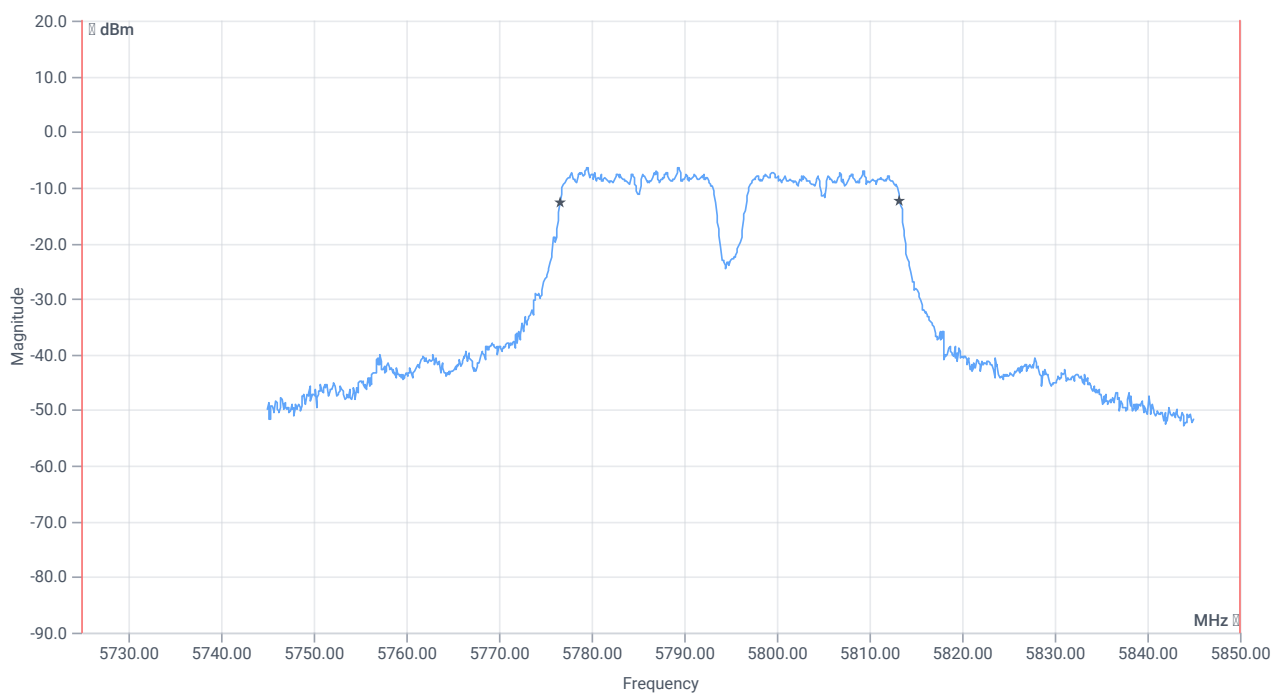
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.72	dBm	INFO
Ref. frequency	---	---	5781.810	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.28 10.41 10
Start [MHz] Stop [MHz]	5745.000 5845.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

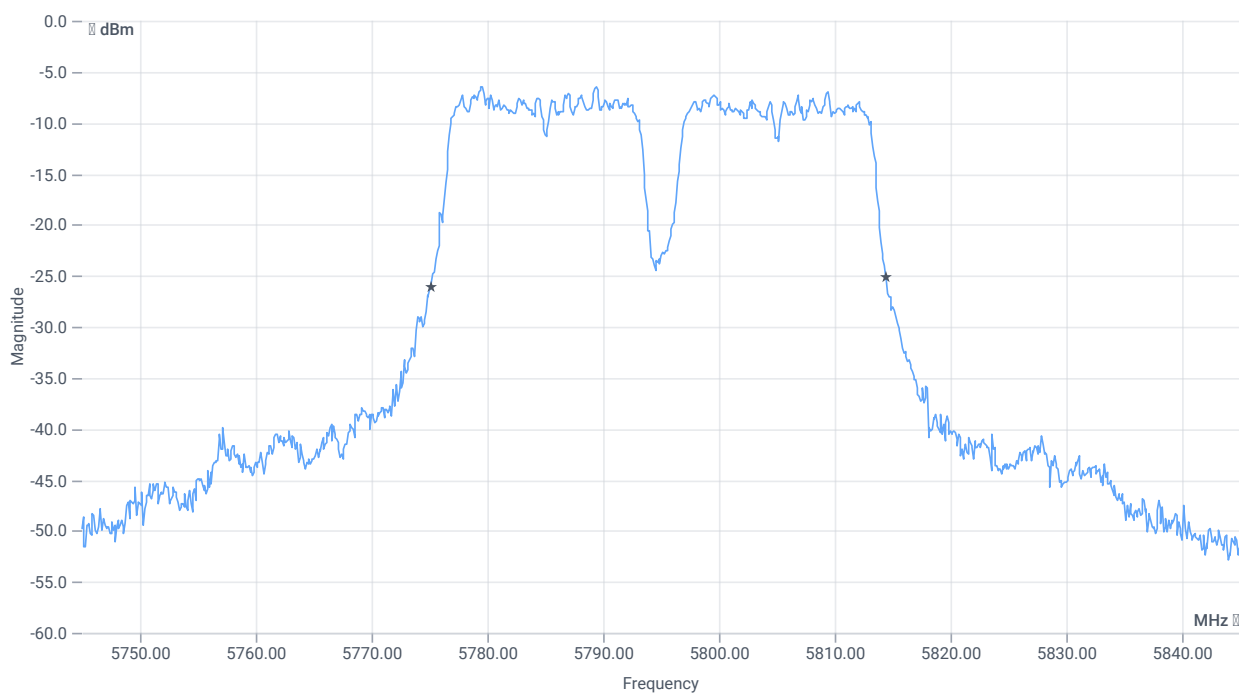




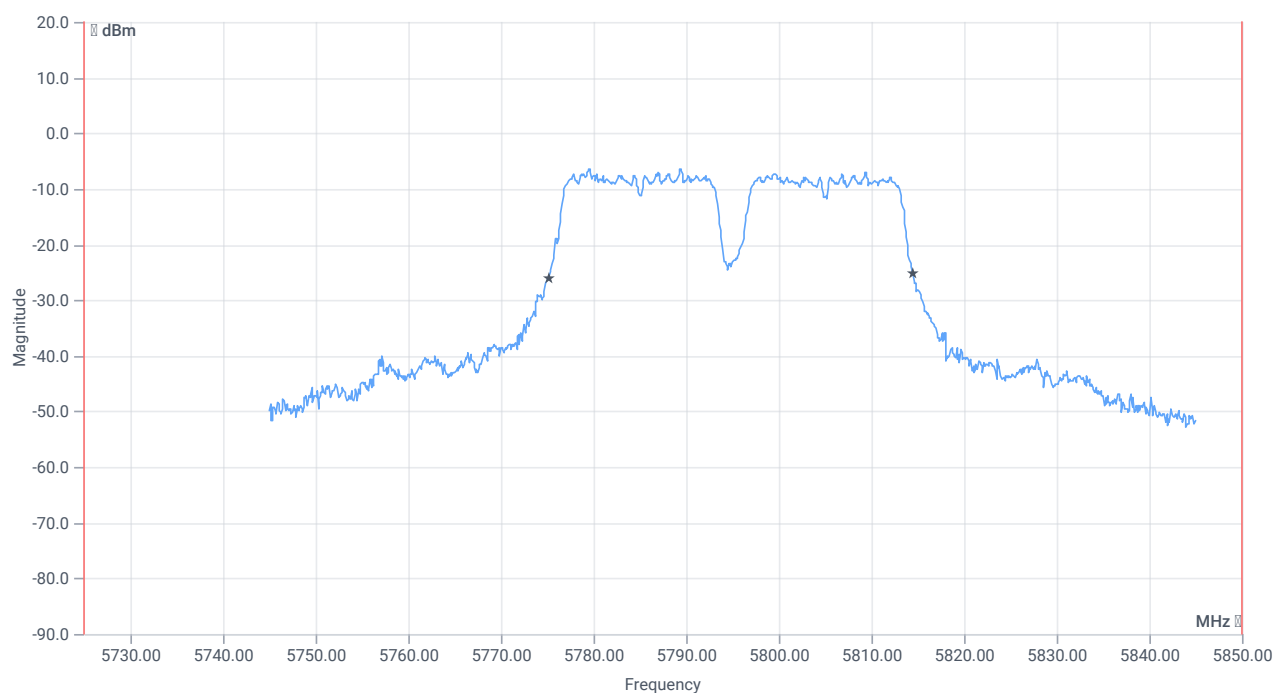
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5725.000000	---	5776.6184	MHz	PASS
T2 99%	---	5850.000000	5813.2817	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	39.4	MHz	INFO
T1 20dB	5725.000000	---	5775.1000	MHz	PASS
T2 20dB	---	5850.000000	5814.5000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:13:42
Ambit temp [°C] humidity [rel%]	26.8 33
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

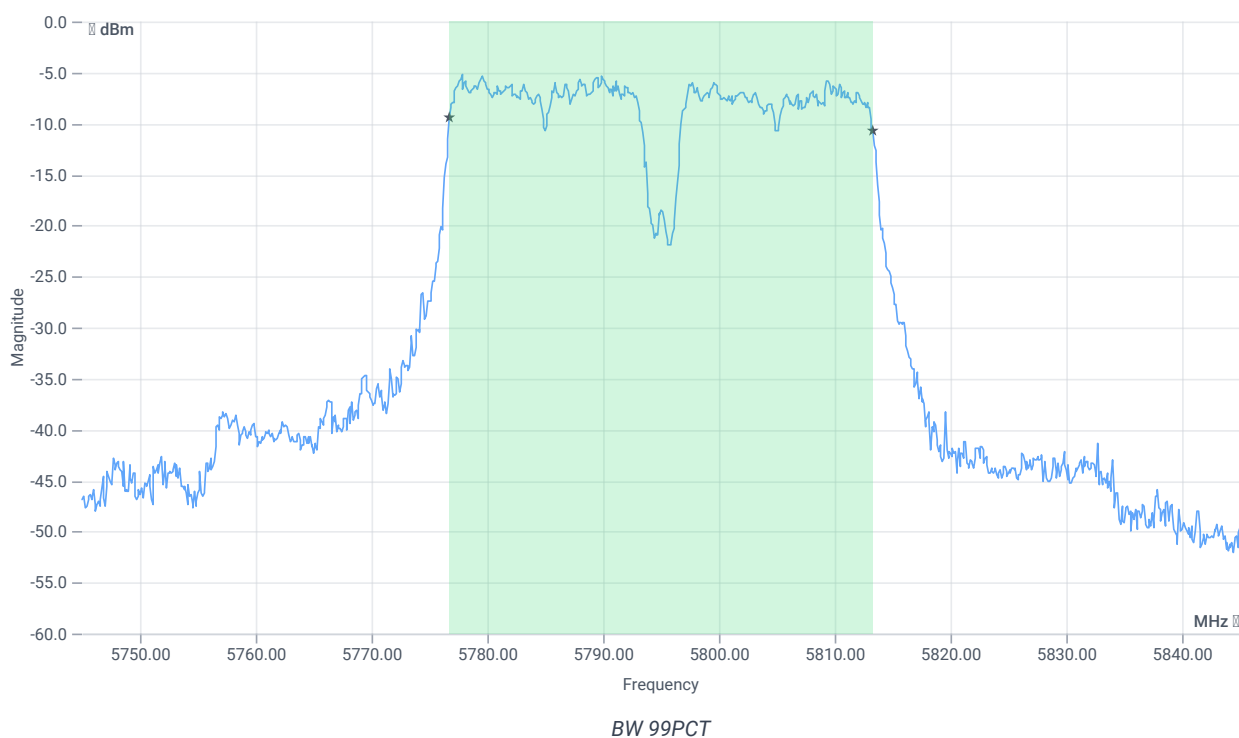
Test at TX 5795 MHz

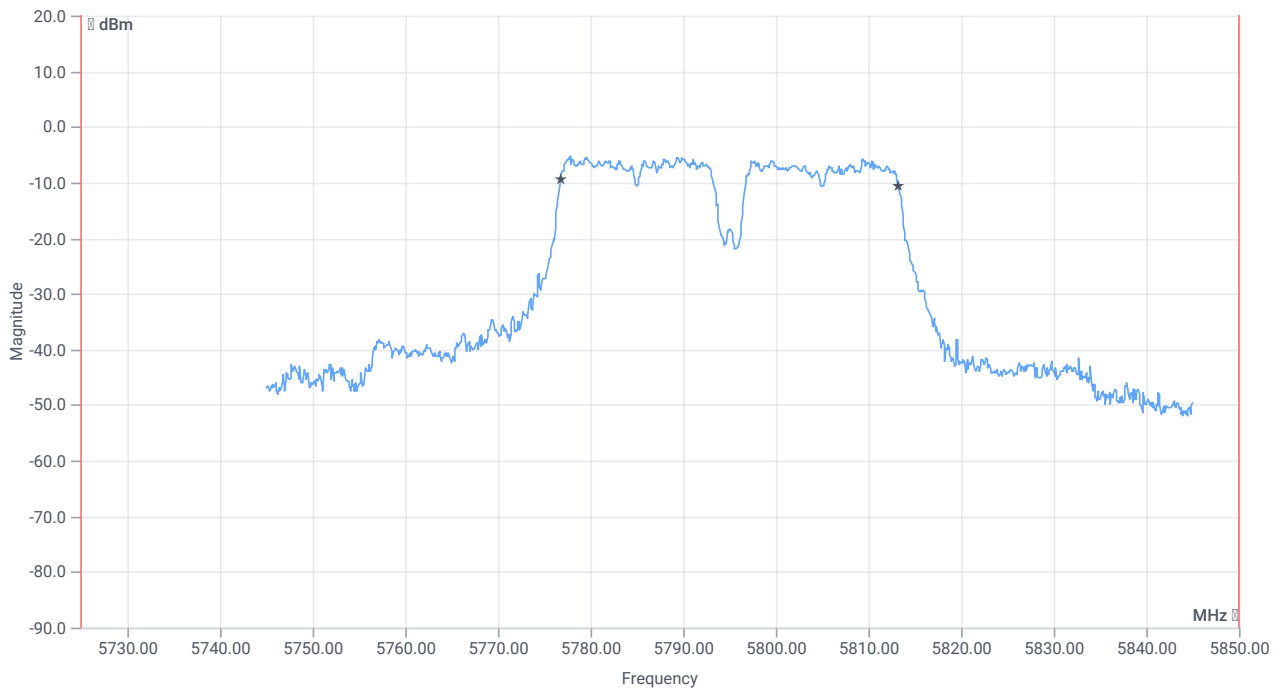
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.52	dBm	INFO
Ref. frequency	---	---	5790.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.48 10.37 10
Start [MHz] Stop [MHz]	5745.000 5845.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

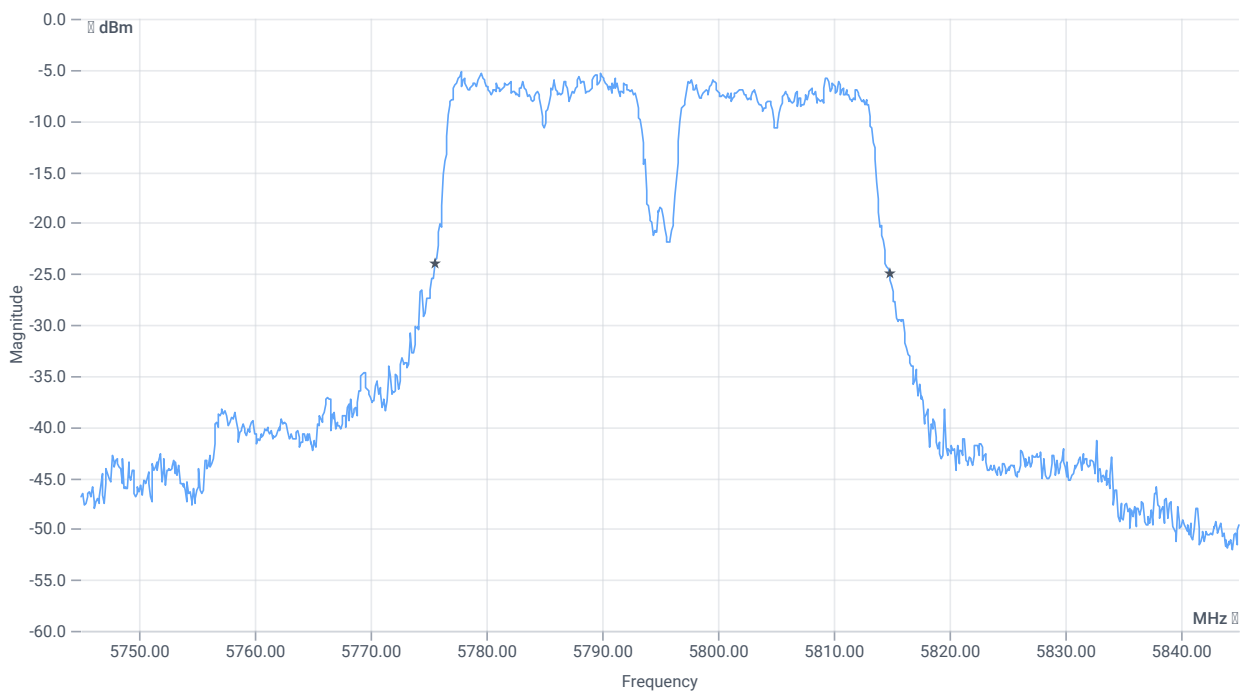




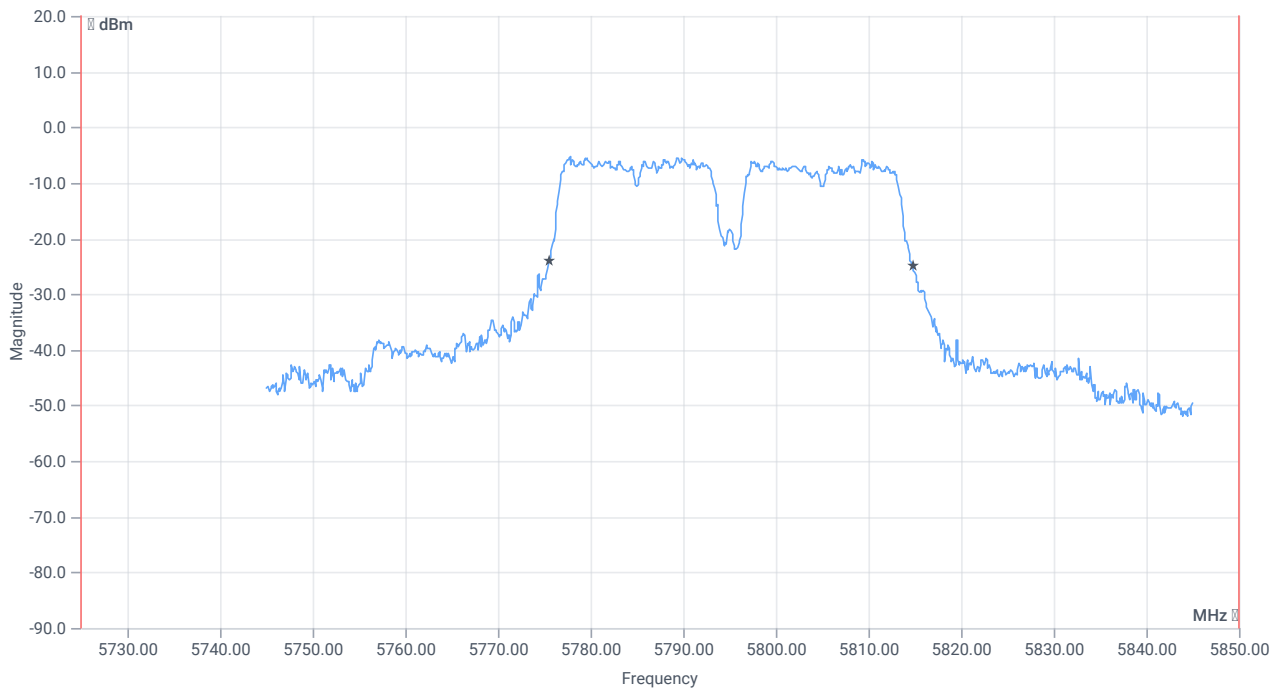
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.563	MHz	INFO
T1 99%	5725.000000	---	5776.7183	MHz	PASS
T2 99%	---	5850.000000	5813.2817	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	39.3	MHz	INFO
T1 20dB	5725.000000	---	5775.5000	MHz	PASS
T2 20dB	---	5850.000000	5814.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:02:12
Ambit temp [°C] humidity [rel%]	26.8 33
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

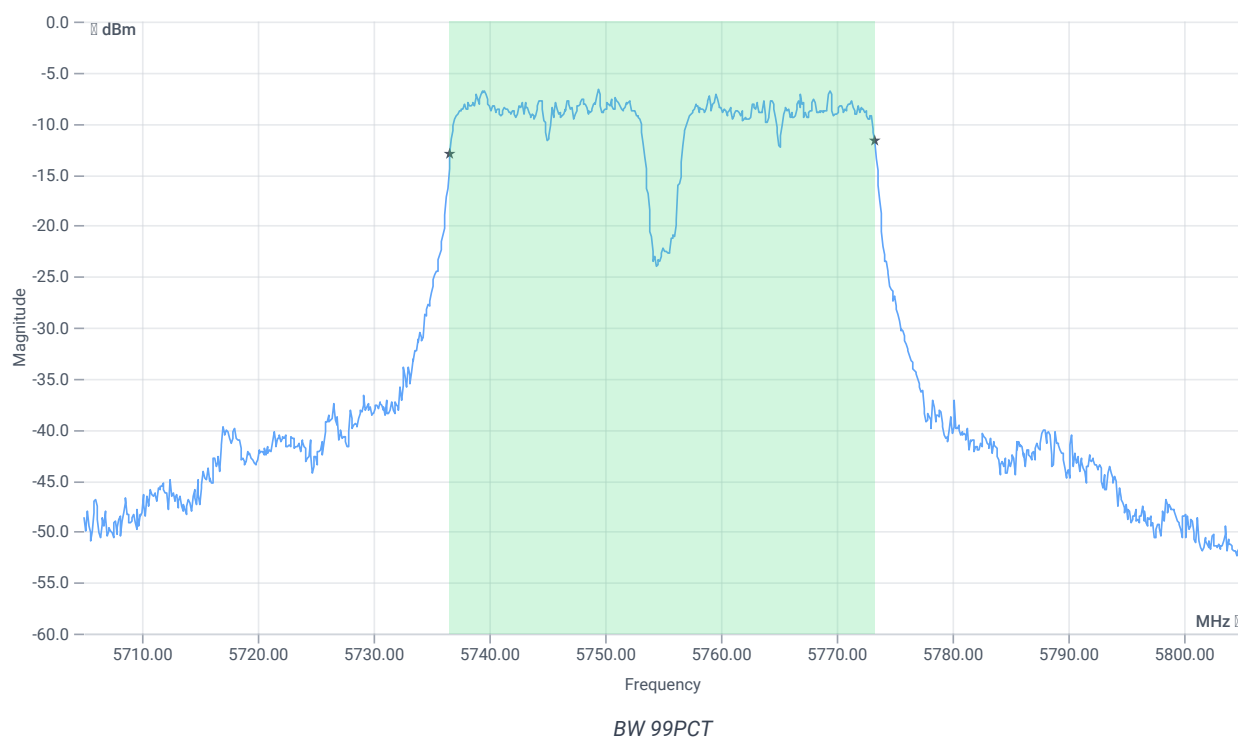
Test at TX 5755 MHz

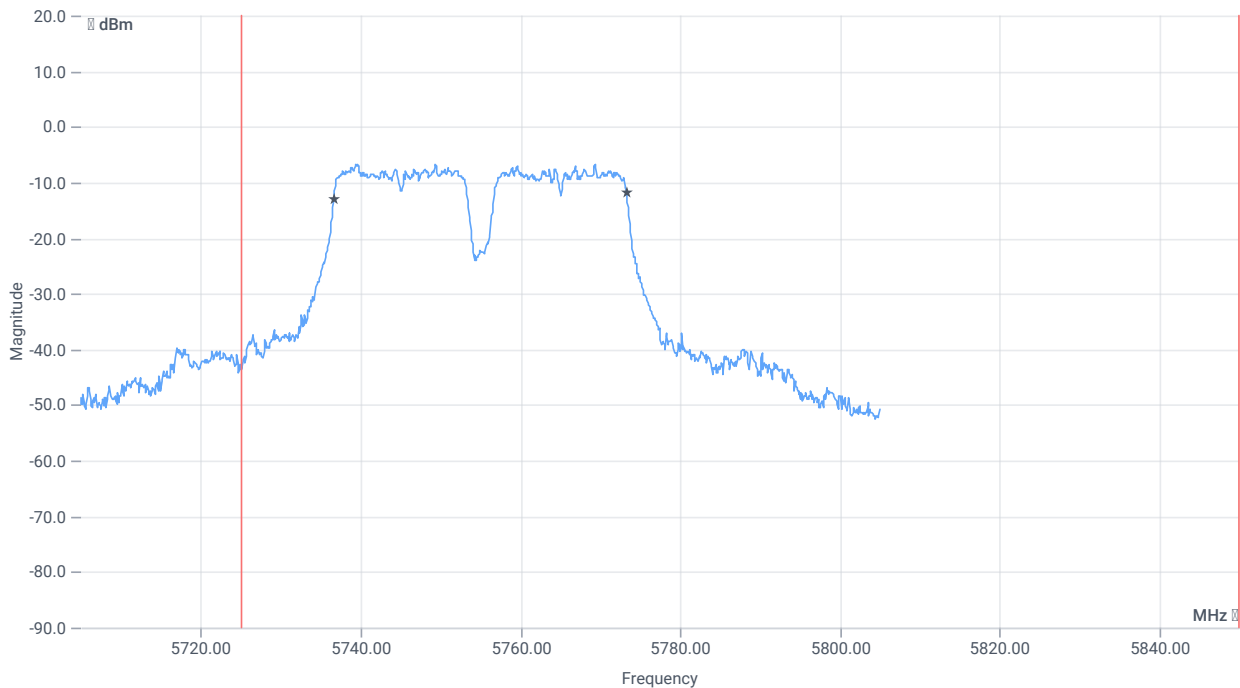
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.23	dBm	INFO
Ref. frequency	---	---	5751.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.77 10.41 10
Start [MHz] Stop [MHz]	5705.000 5805.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

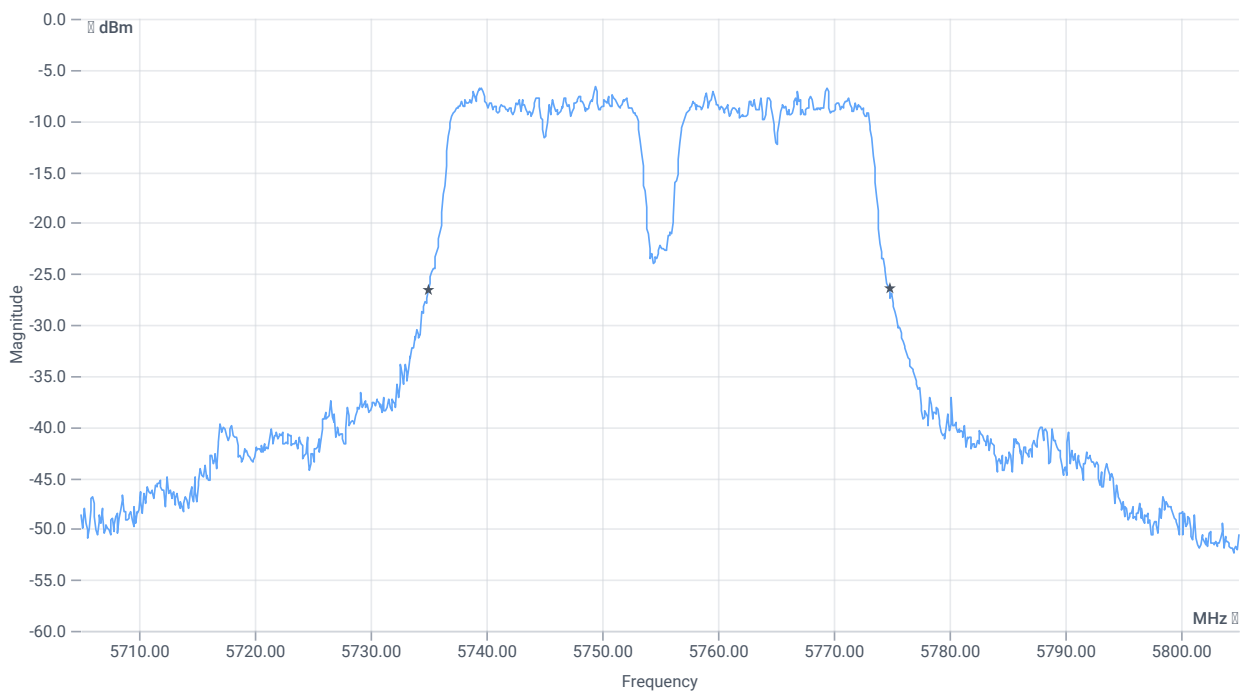




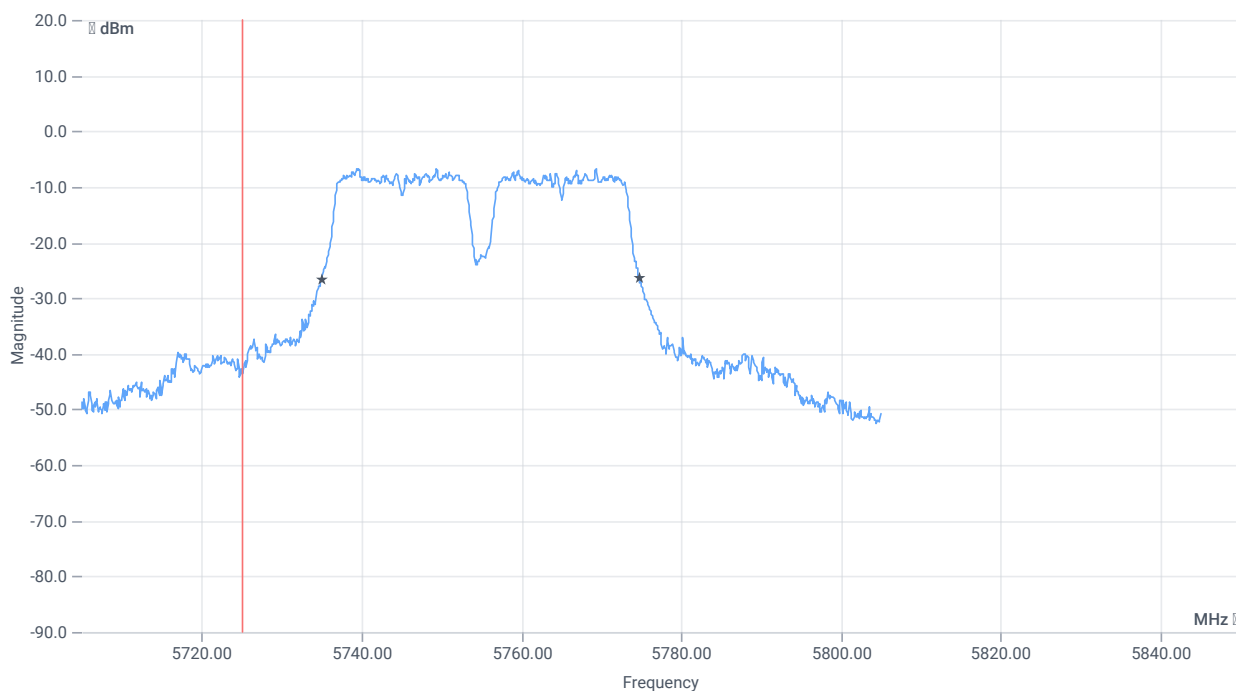
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5725.000000	---	5736.6184	MHz	PASS
T2 99%	---	5850.000000	5773.2817	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	39.8	MHz	INFO
T1 20dB	5725.000000	---	5735.0000	MHz	PASS
T2 20dB	---	5850.000000	5774.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 17:55:13
Ambit temp [°C] humidity [rel%]	26.8 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

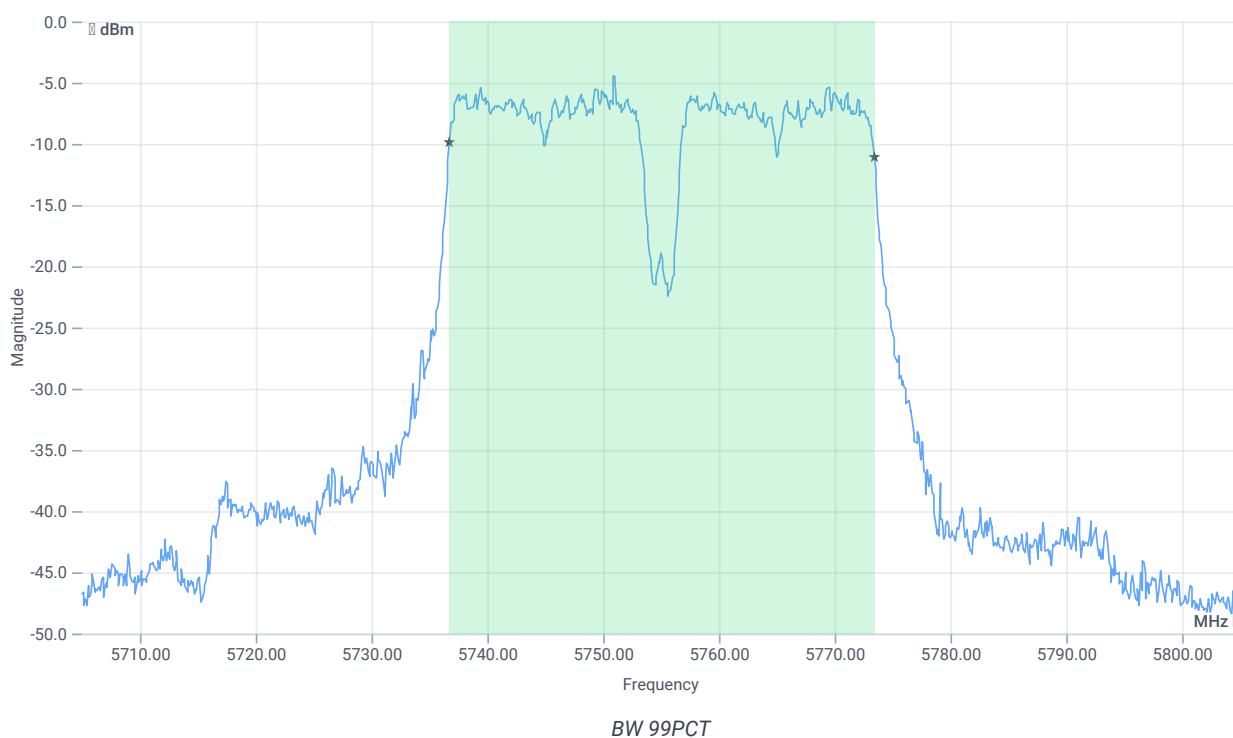
Test at TX 5755 MHz

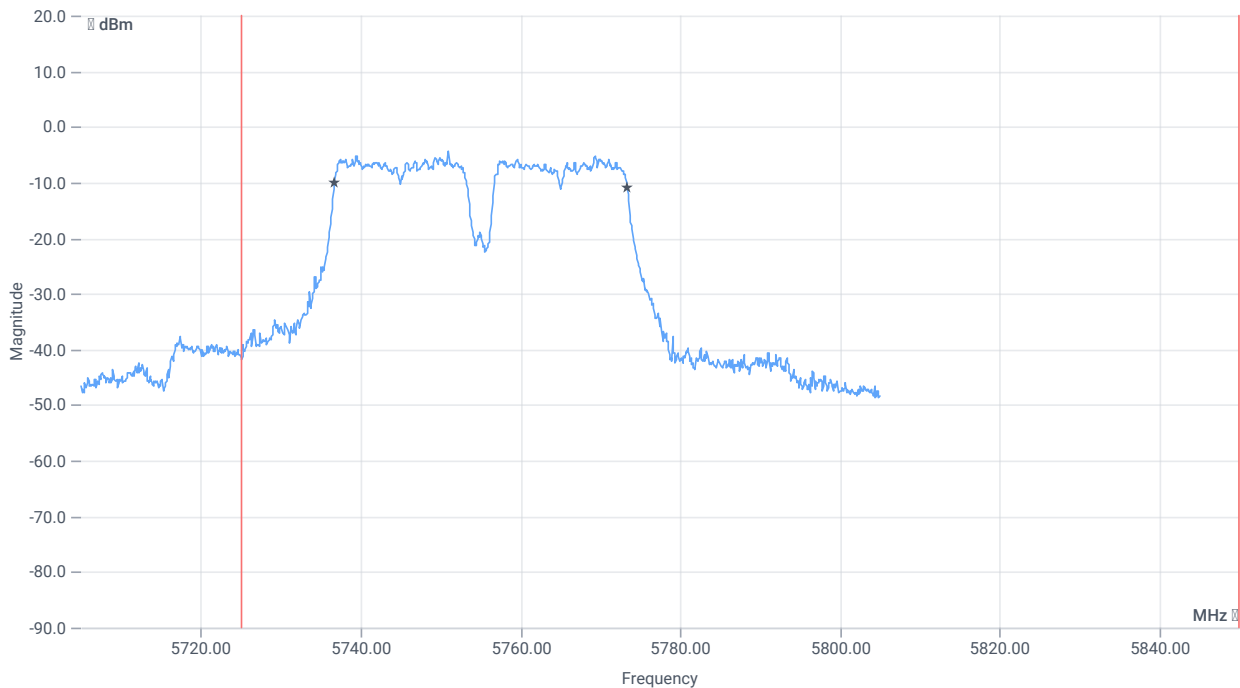
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.44	dBm	INFO
Ref. frequency	---	---	5769.790	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.56 10.39 15
Start [MHz] Stop [MHz]	5705.000 5805.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

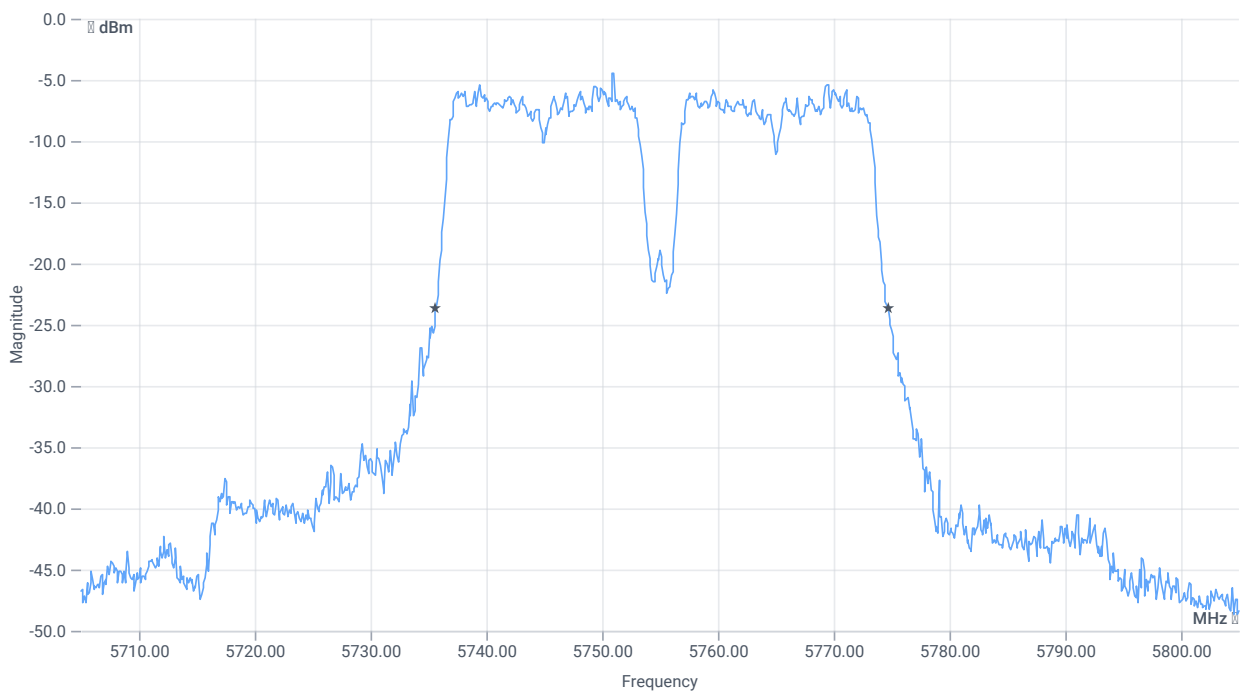




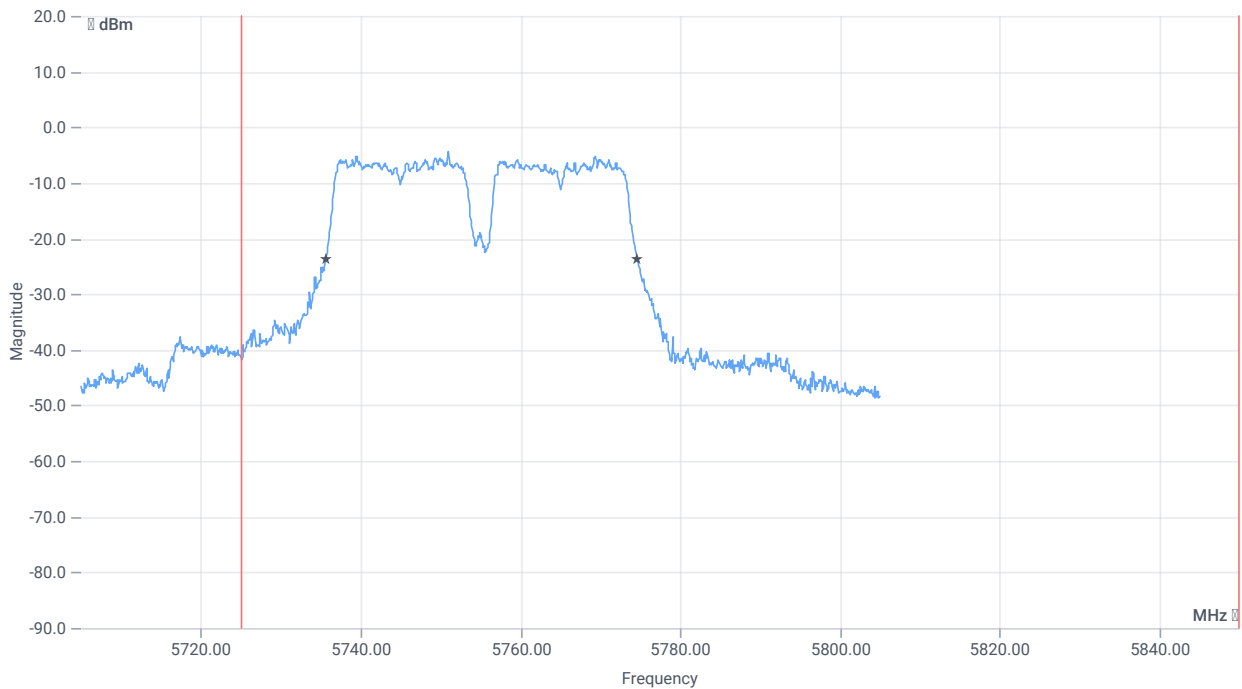
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5725.000000	---	5736.7183	MHz	PASS
T2 99%	---	5850.000000	5773.3816	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	39.1	MHz	INFO
T1 20dB	5725.000000	---	5735.6000	MHz	PASS
T2 20dB	---	5850.000000	5774.7000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1

References

TC start	26.01.2024 17:47:37
Ambit temp [°C] humidity [rel%]	26.9 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

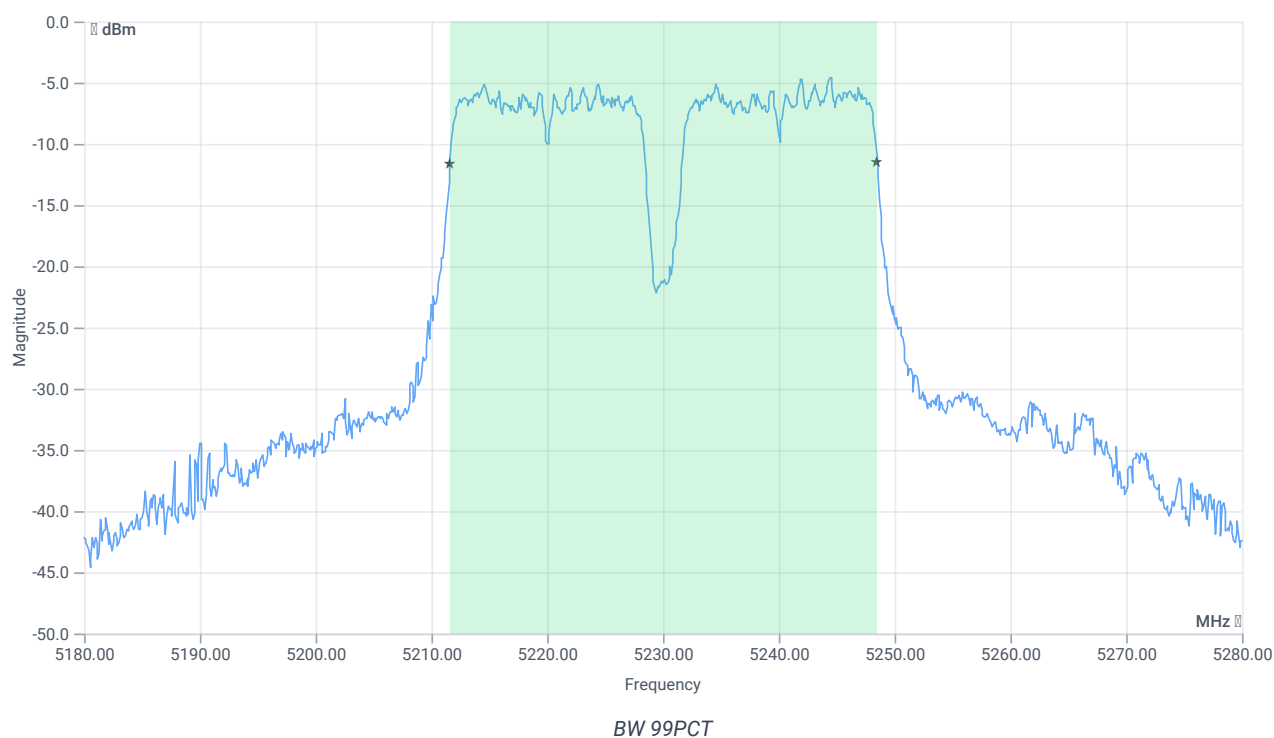
Test at TX 5230 MHz

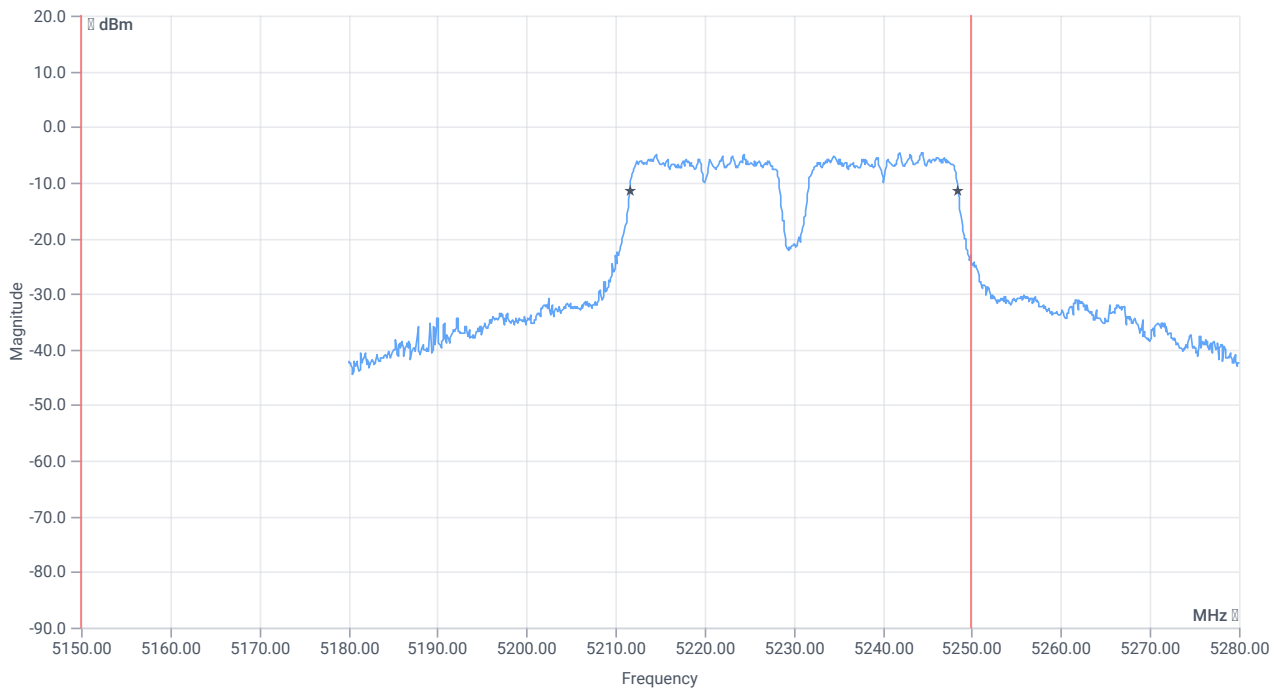
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-1.94	dBm	INFO
Ref. frequency	---	---	5225.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.06 9.97 15
Start [MHz] Stop [MHz]	5180.000 5280.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

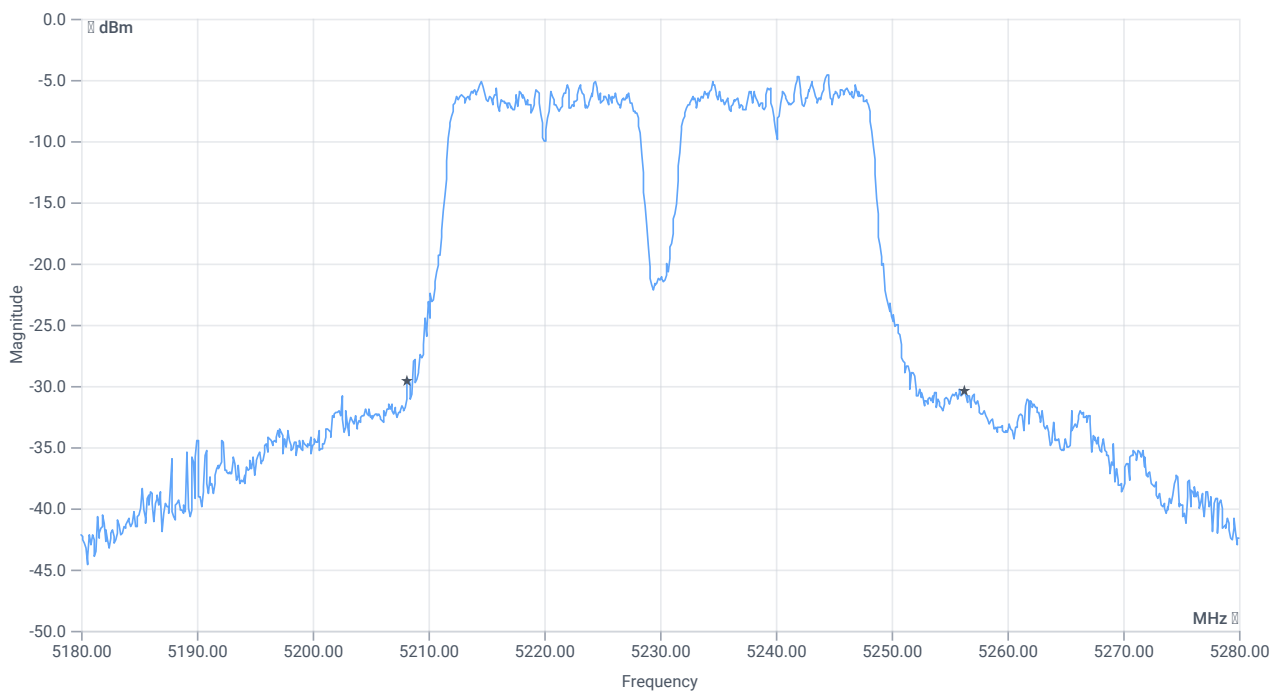




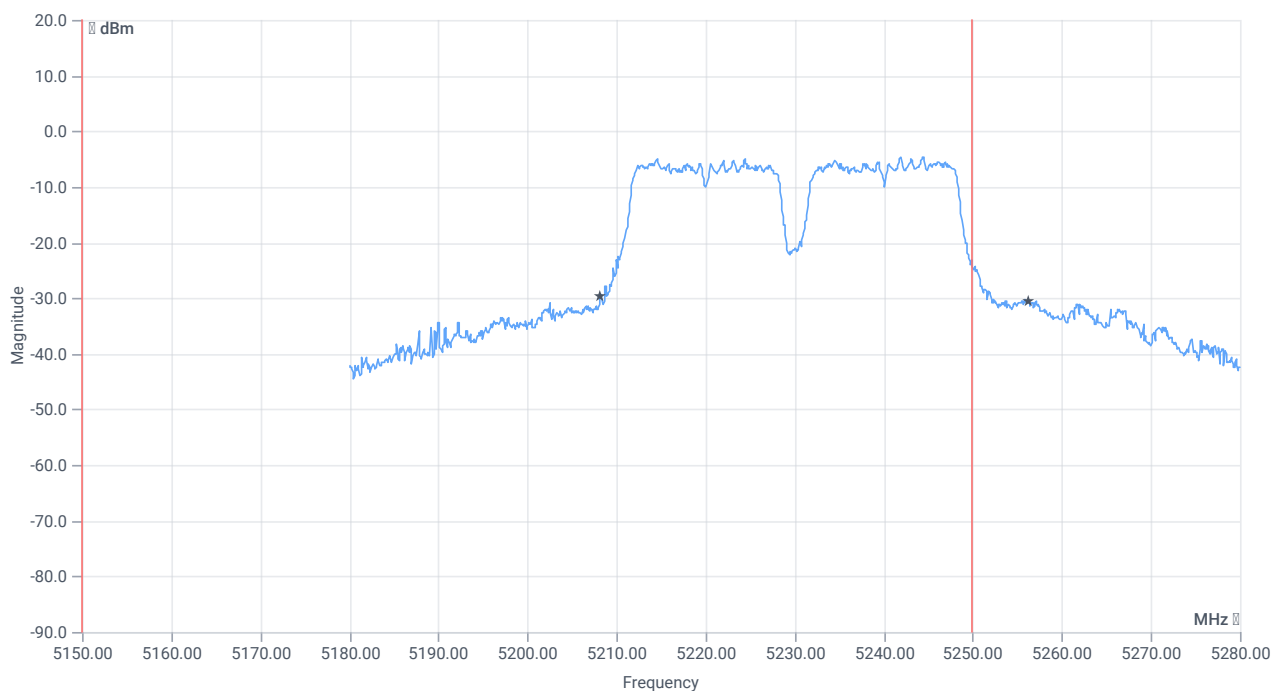
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.863	MHz	INFO
T1 99%	5150.000000	---	5211.6184	MHz	PASS
T2 99%	---	5250.000000	5248.4815	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	48.1	MHz	INFO
T1 26dB	5150.000000	---	5208.2000	MHz	PASS
T2 26dB	---	5250.000000	5256.3000	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1

References

TC start	26.01.2024 17:43:25
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

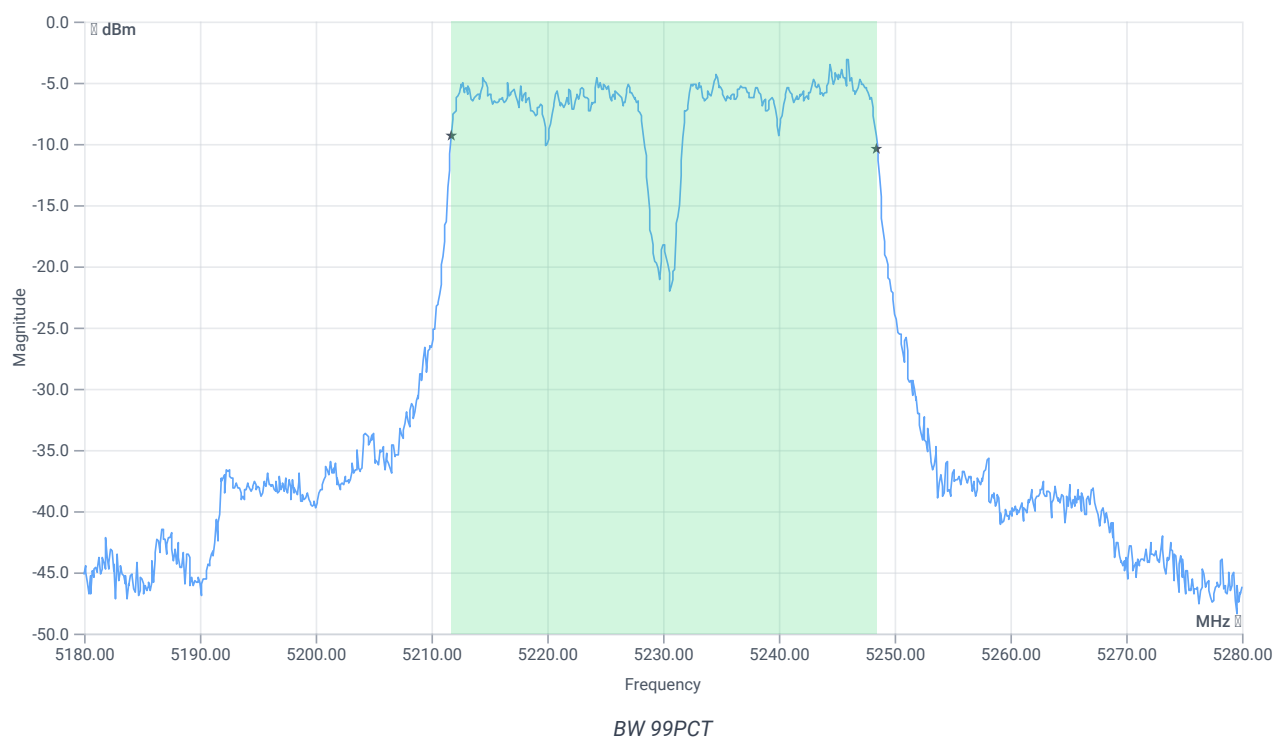
Test at TX 5230 MHz

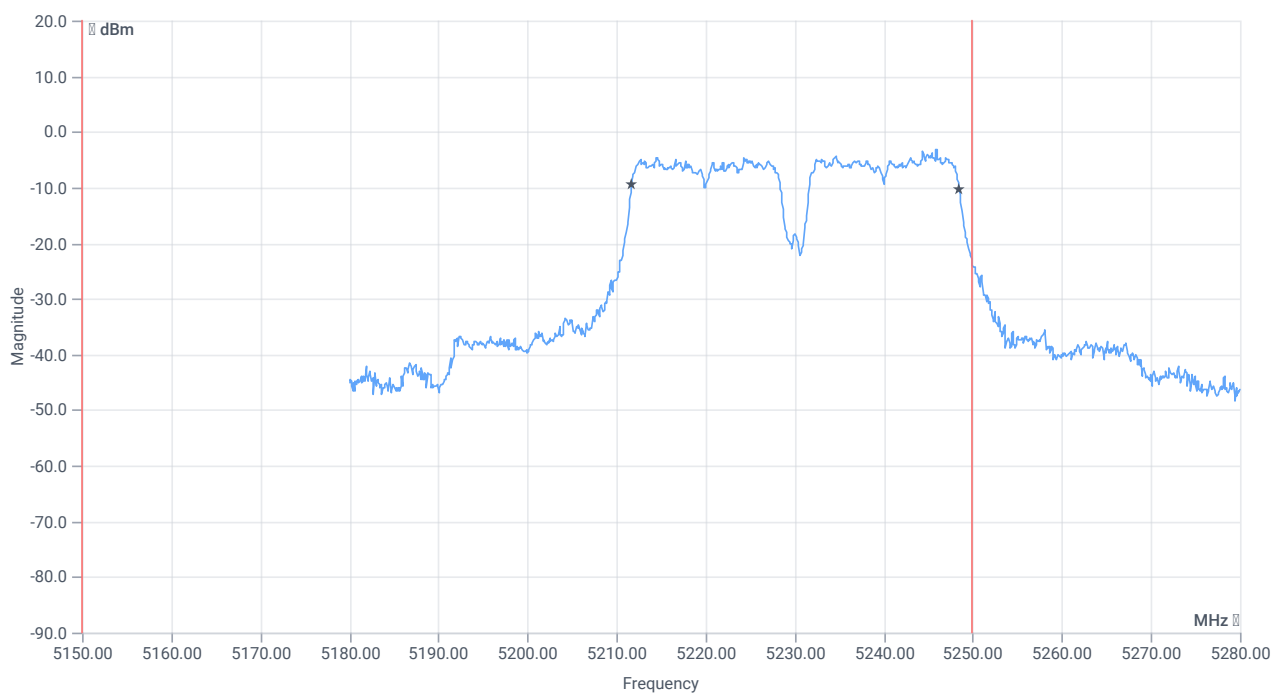
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-1.72	dBm	INFO
Ref. frequency	---	---	5212.620	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.28 9.95 15
Start [MHz] Stop [MHz]	5180.000 5280.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

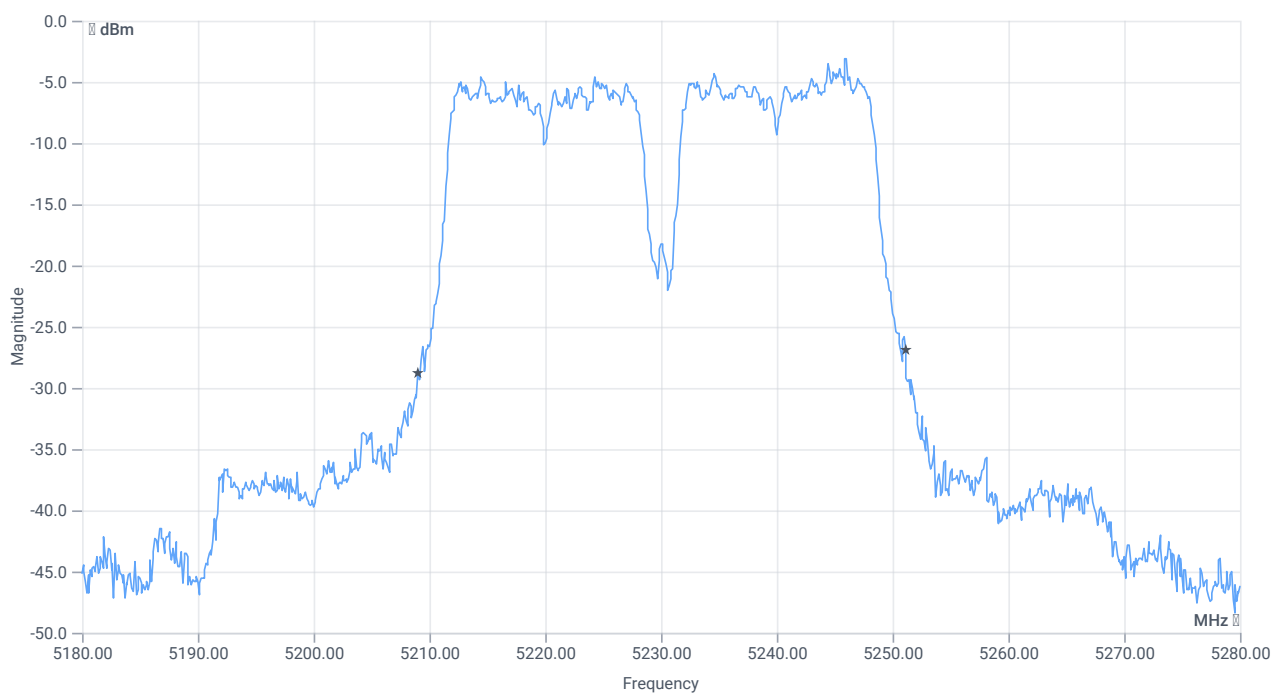




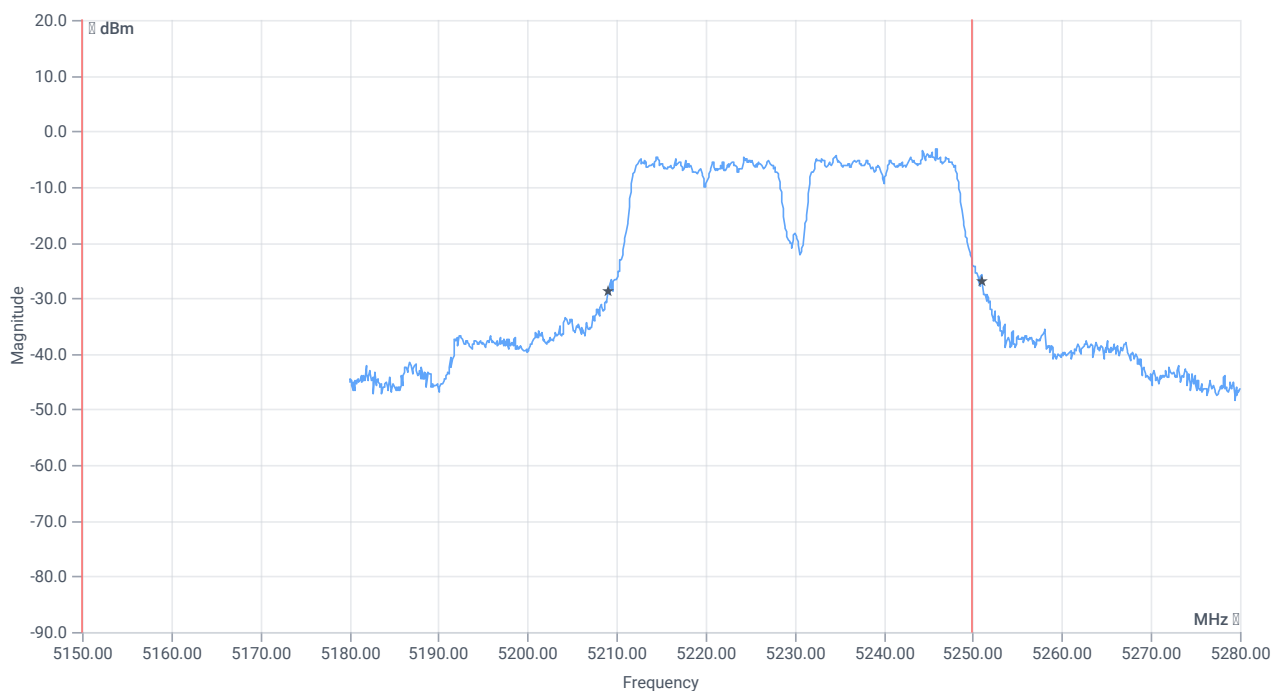
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.763	MHz	INFO
T1 99%	5150.000000	---	5211.7183	MHz	PASS
T2 99%	---	5250.000000	5248.4815	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.1	MHz	INFO
T1 26dB	5150.000000	---	5209.0000	MHz	PASS
T2 26dB	---	5250.000000	5251.1000	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1

References

TC start	26.01.2024 17:38:11
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

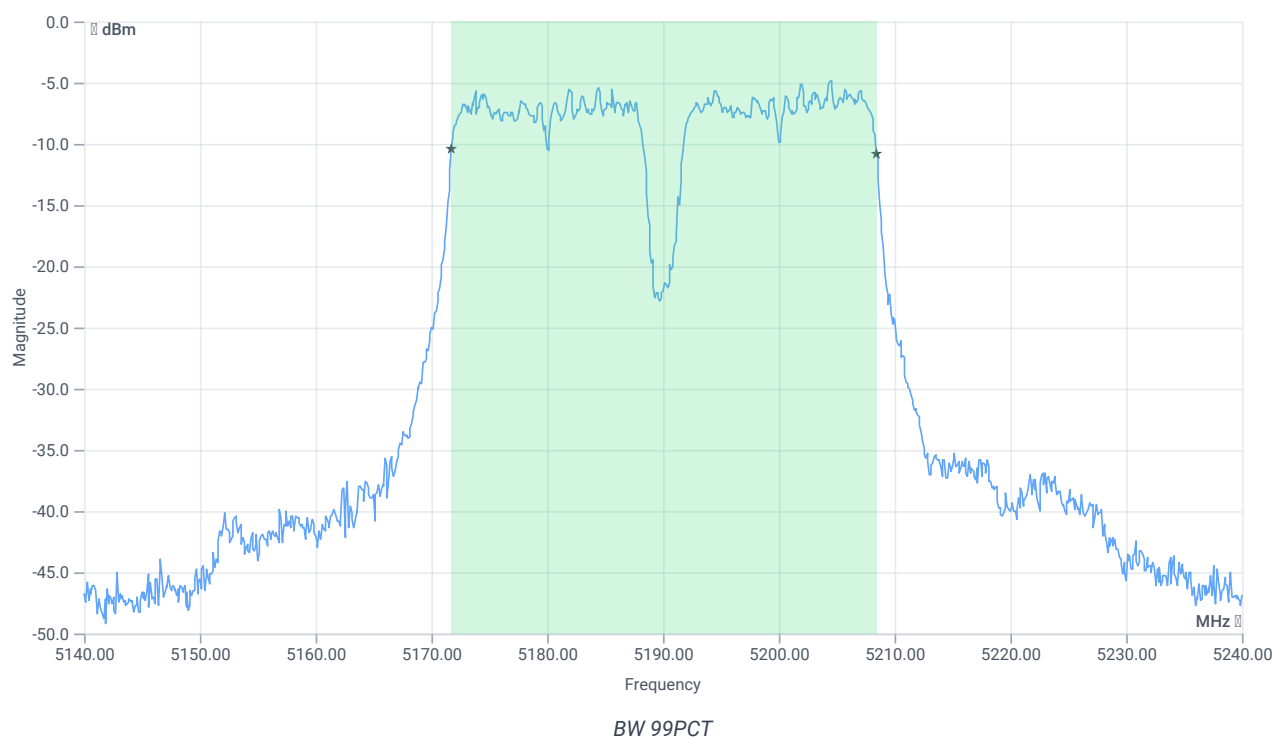
Test at TX 5190 MHz

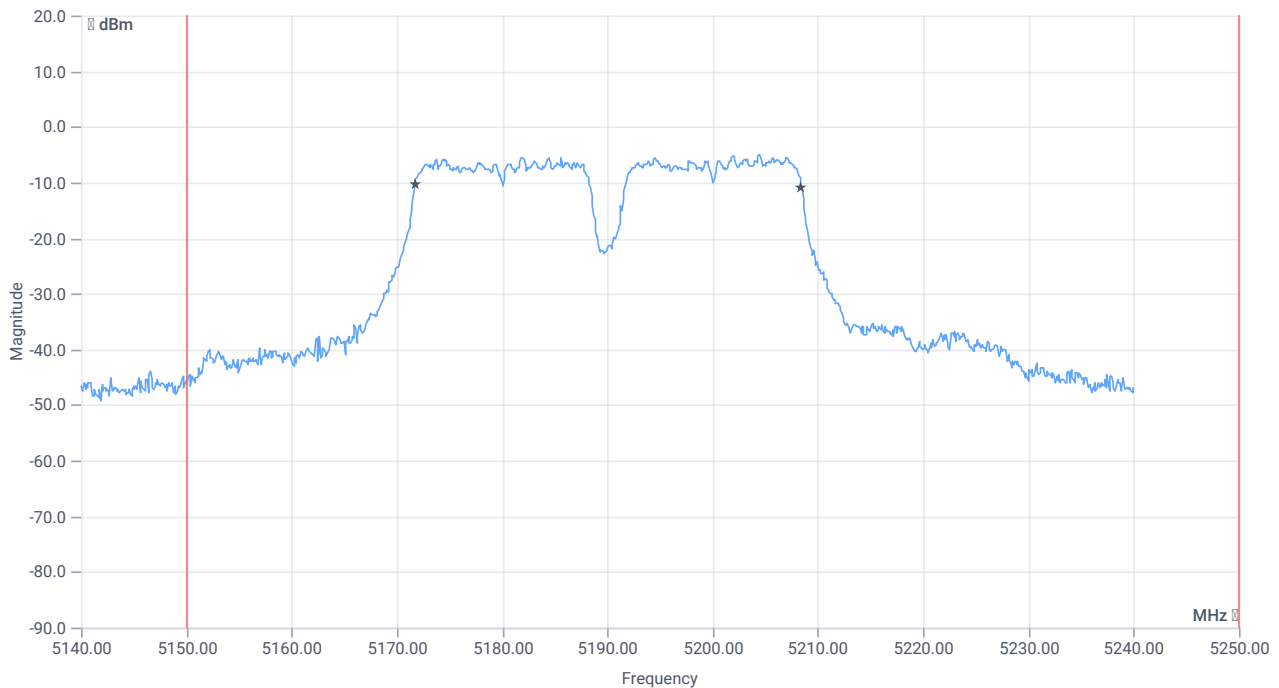
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.57	dBm	INFO
Ref. frequency	---	---	5172.820	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.43 10.04 15
Start [MHz] Stop [MHz]	5140.000 5240.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

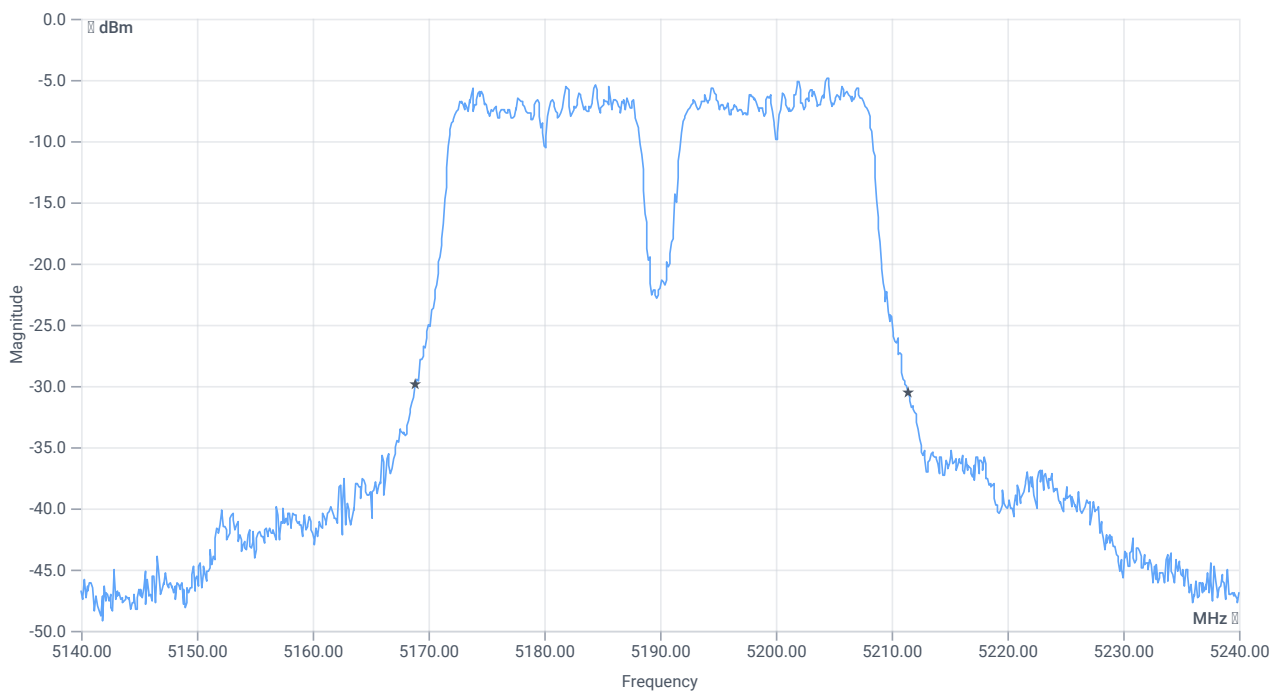




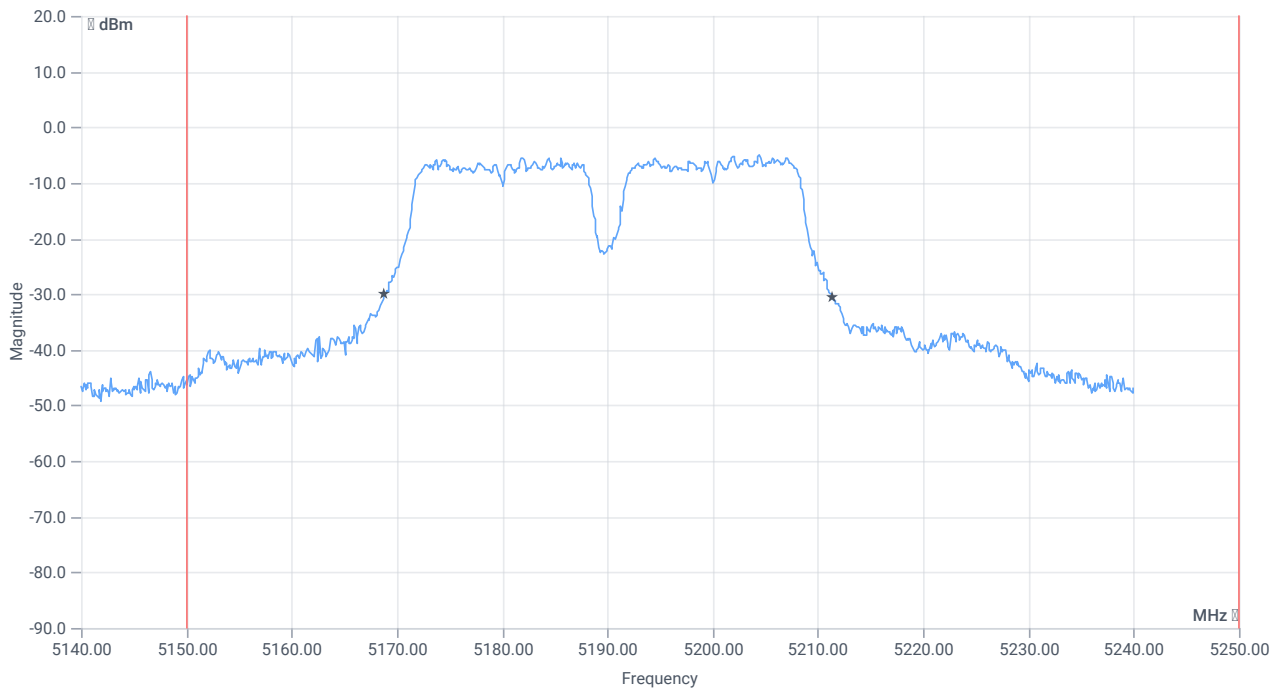
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5150.000000	---	5171.7183	MHz	PASS
T2 99%	---	5250.000000	5208.3816	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.6	MHz	INFO
T1 26dB	5150.000000	---	5168.8000	MHz	PASS
T2 26dB	---	5250.000000	5211.4000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-1

References

TC start	26.01.2024 17:34:00
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

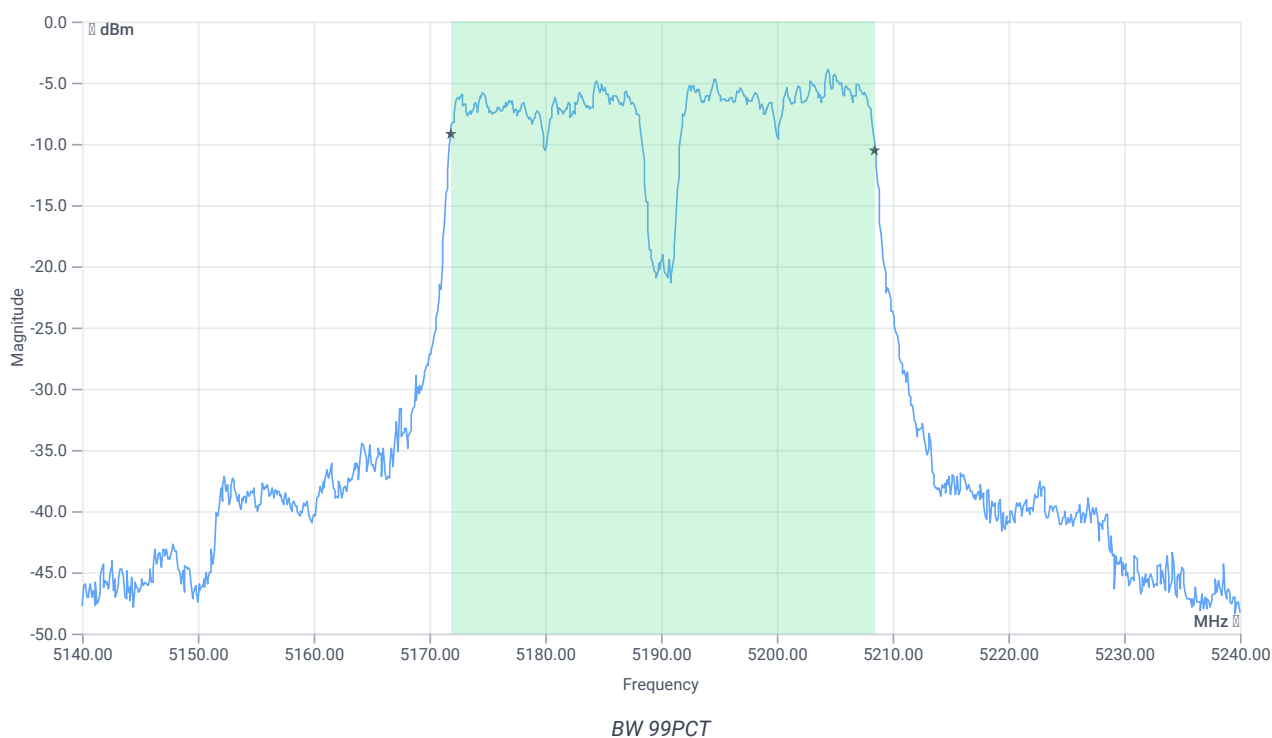
Test at TX 5190 MHz

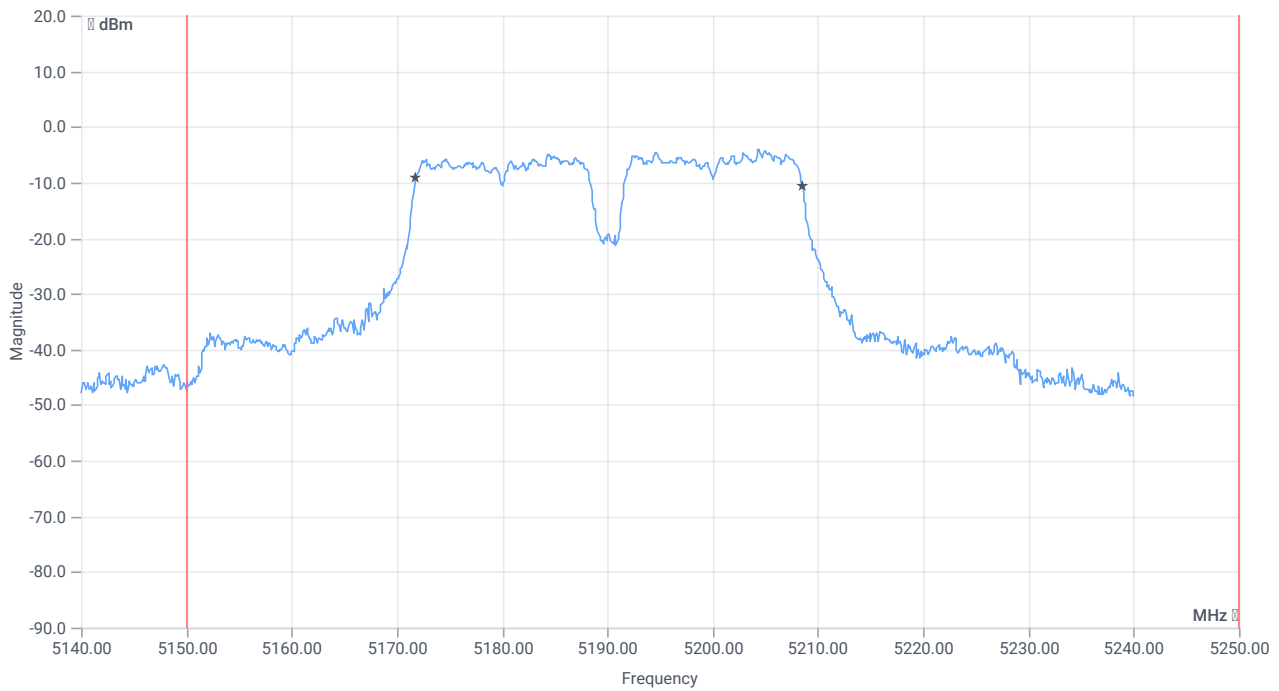
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.09	dBm	INFO
Ref. frequency	---	---	5185.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.91 10.02 15
Start [MHz] Stop [MHz]	5140.000 5240.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

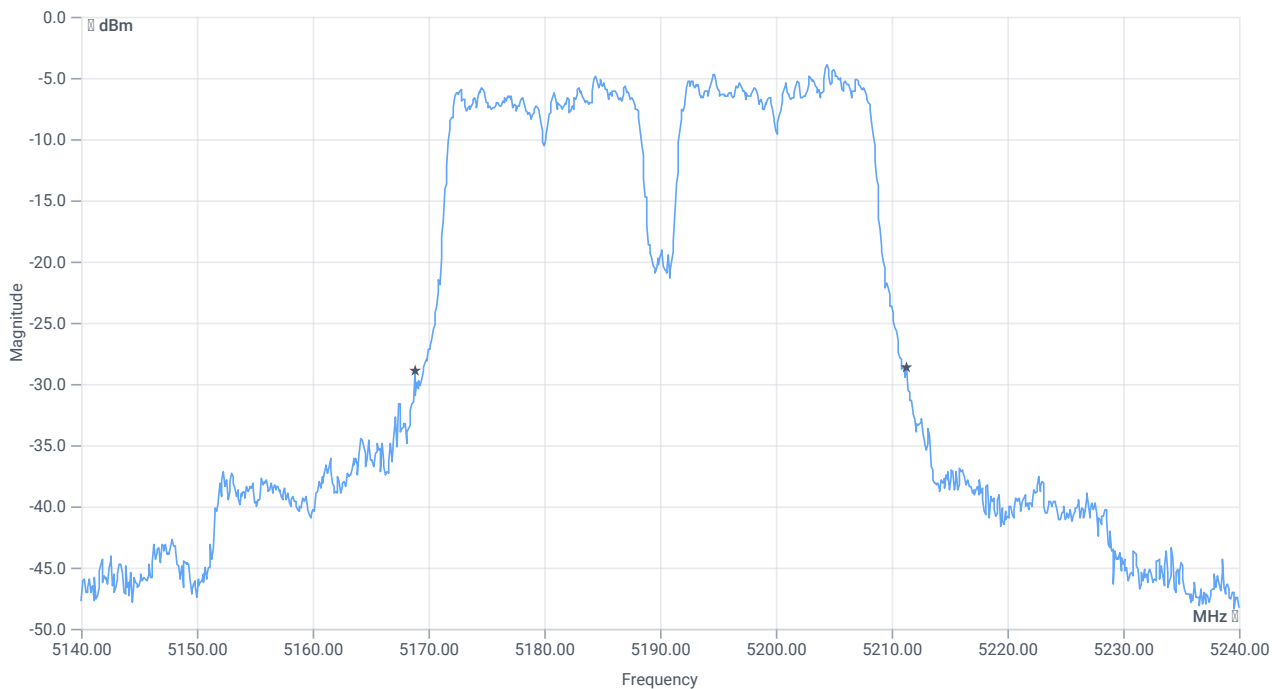




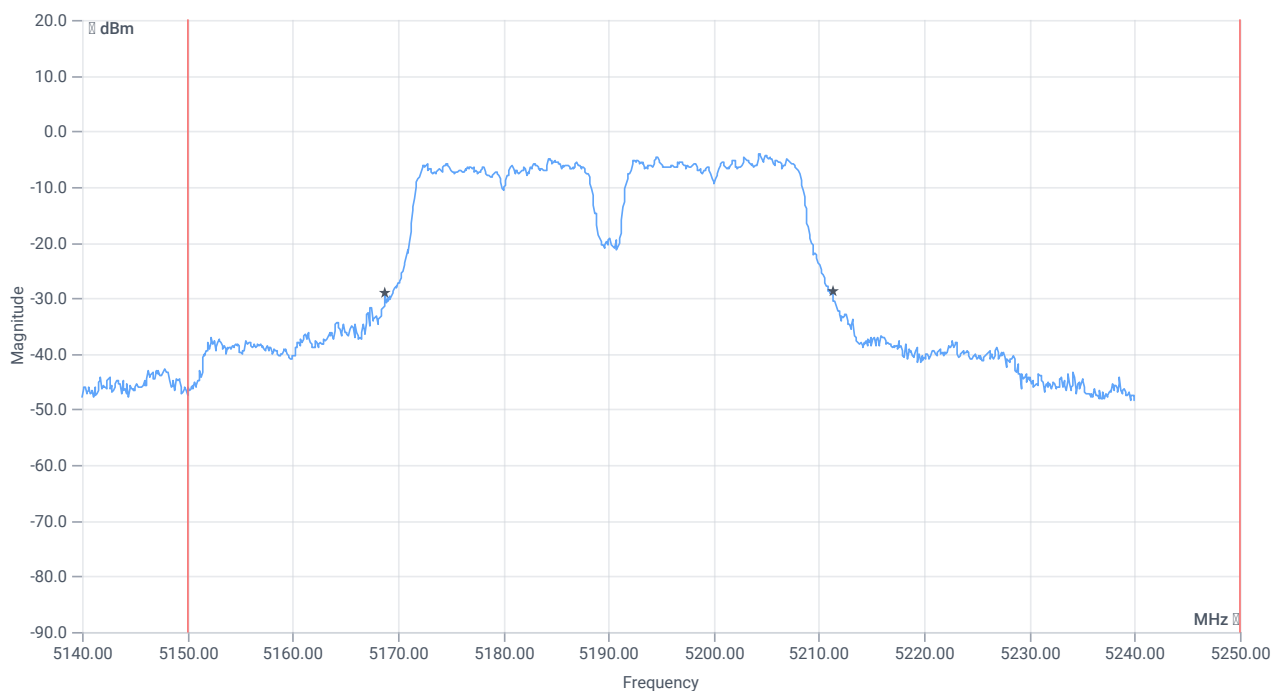
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5150.000000	---	5171.8182	MHz	PASS
T2 99%	---	5250.000000	5208.4815	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.5	MHz	INFO
T1 26dB	5150.000000	---	5168.8000	MHz	PASS
T2 26dB	---	5250.000000	5211.3000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:23:31
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

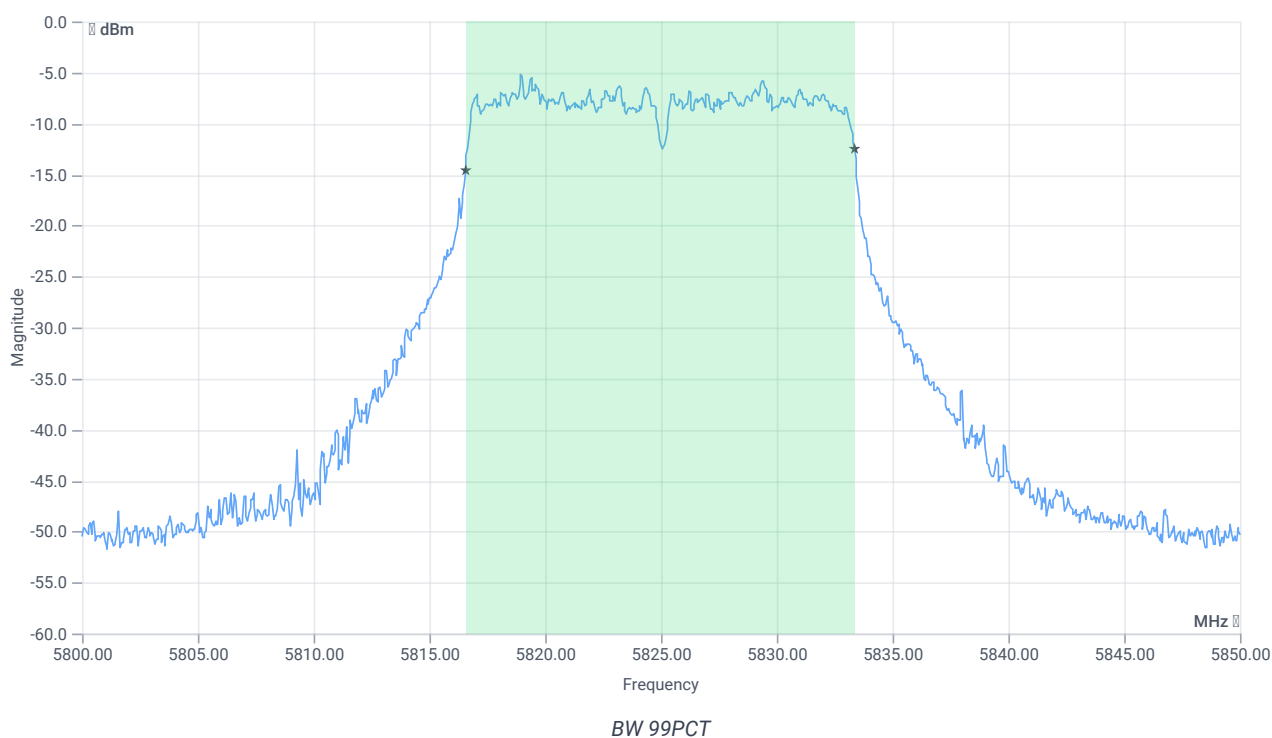
Test at TX 5825 MHz

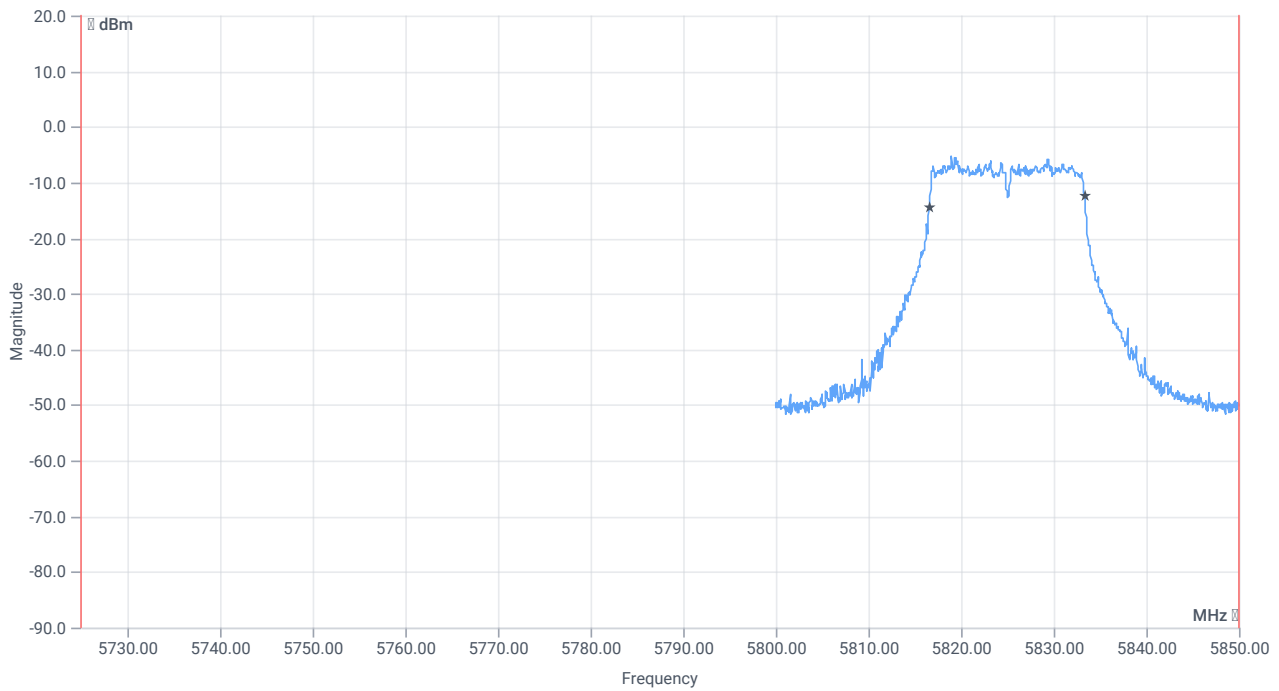
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-1.10	dBm	INFO
Ref. frequency	---	---	5819.010	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.90 10.44 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

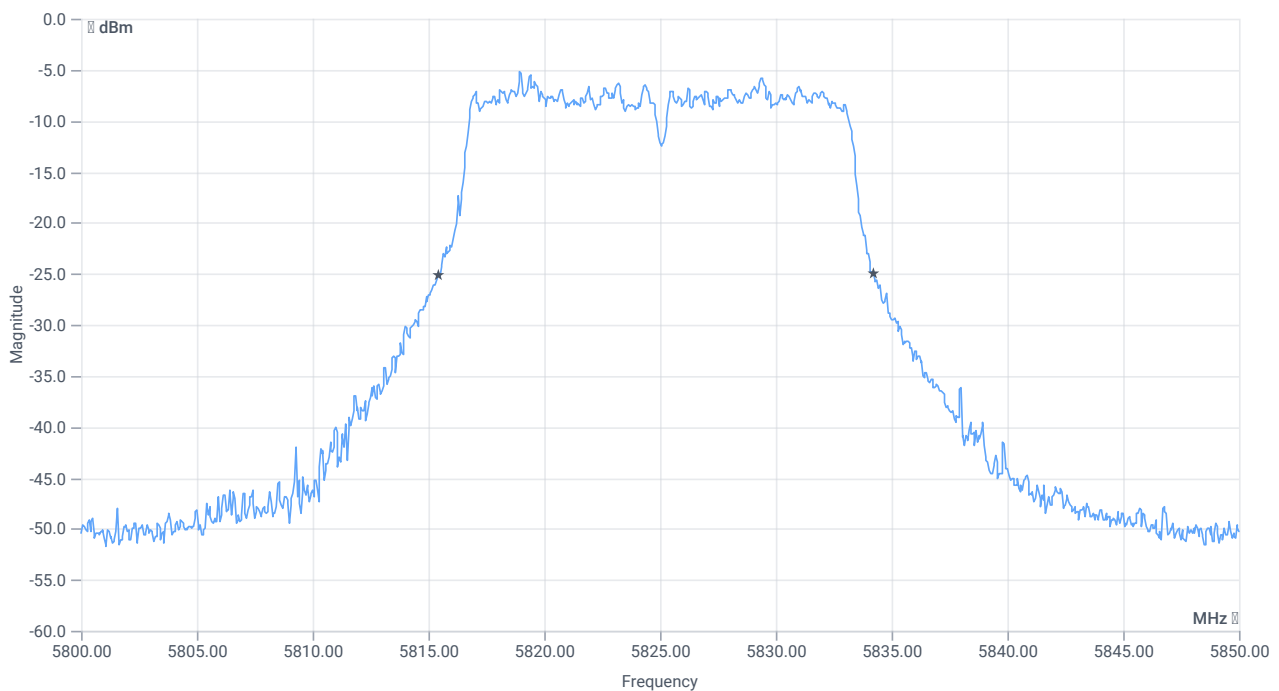




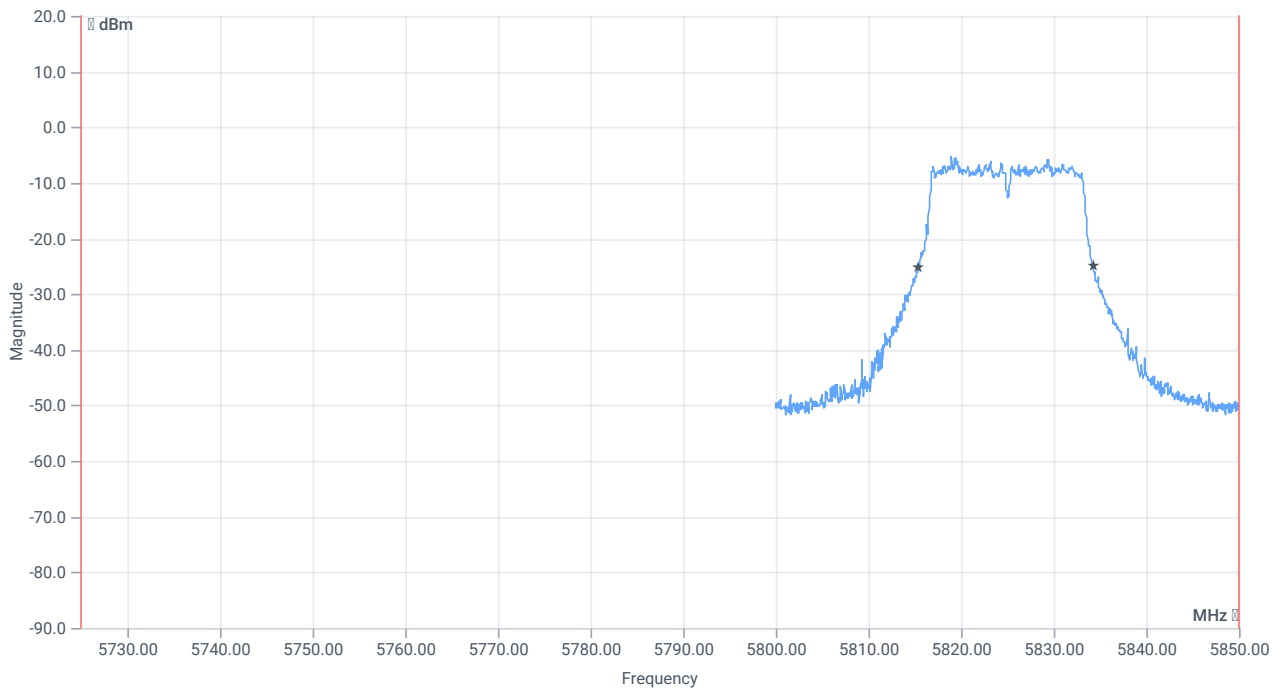
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5725.000000	---	5816.5584	MHz	PASS
T2 99%	---	5850.000000	5833.3417	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	18.8	MHz	INFO
T1 20dB	5725.000000	---	5815.4000	MHz	PASS
T2 20dB	---	5850.000000	5834.2000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:16:14
Ambit temp [°C] humidity [rel%]	26.9 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

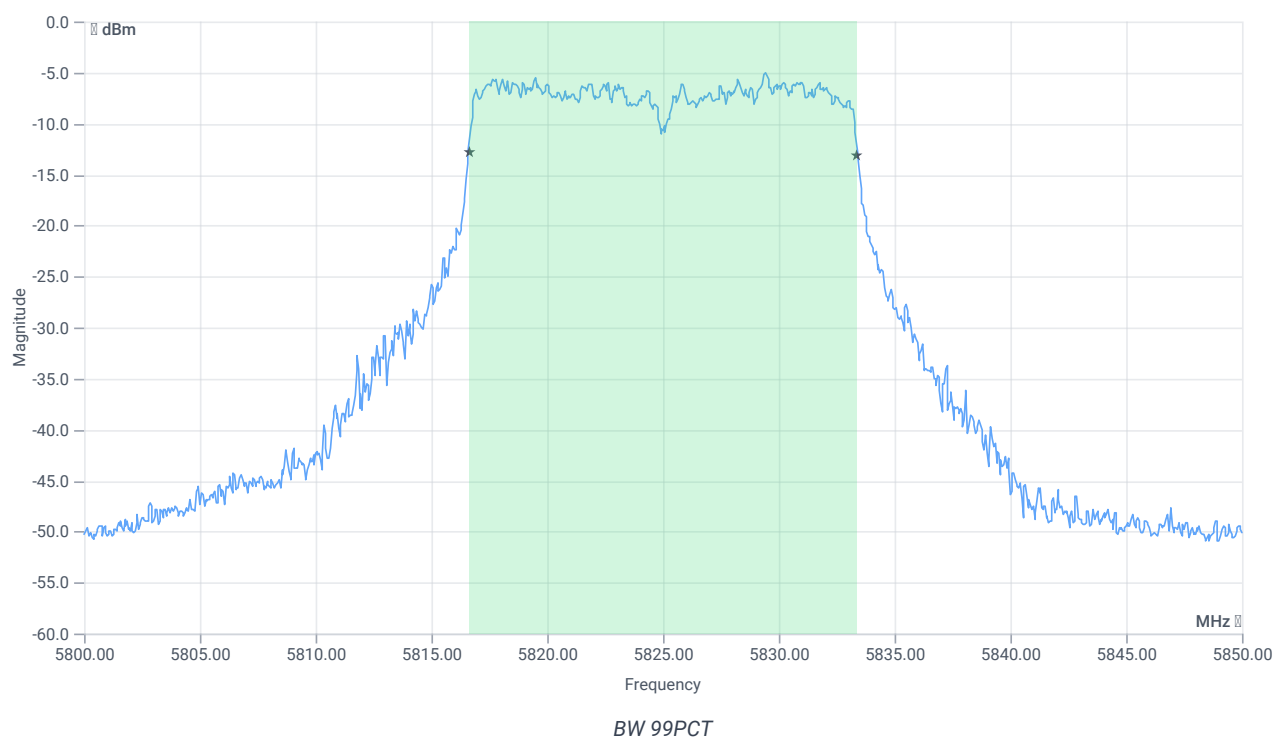
Test at TX 5825 MHz

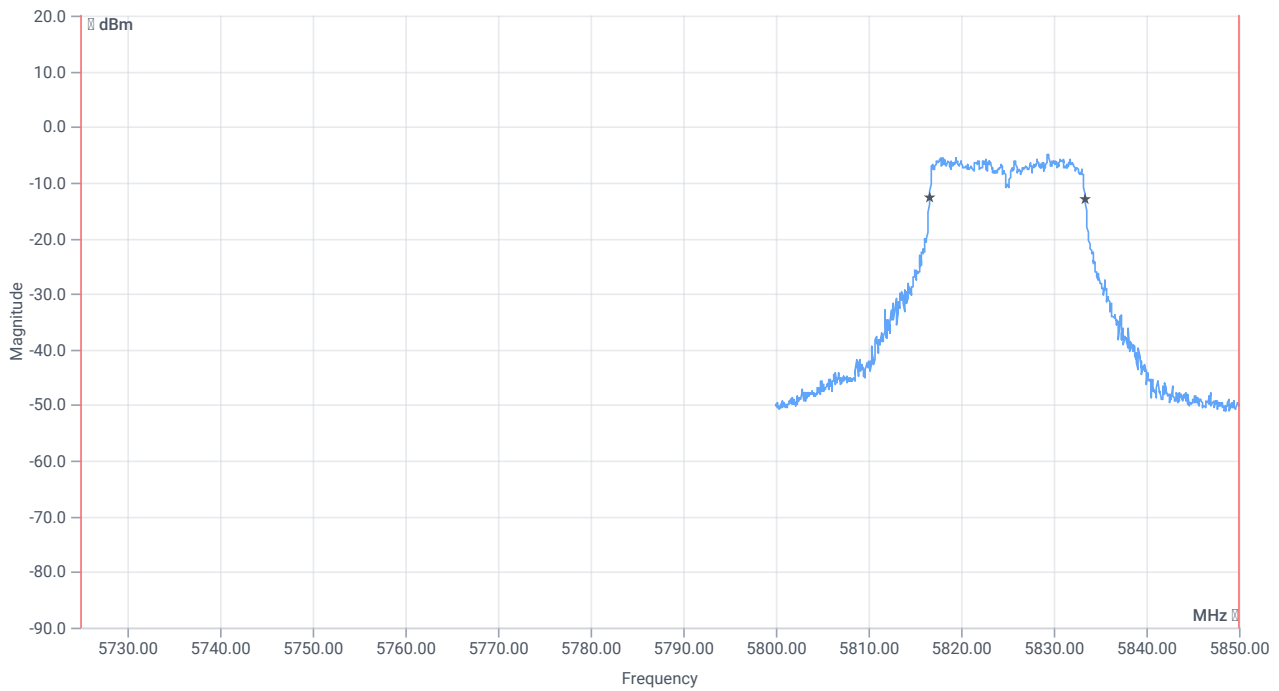
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.30	dBm	INFO
Ref. frequency	---	---	5817.810	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.30 10.45 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

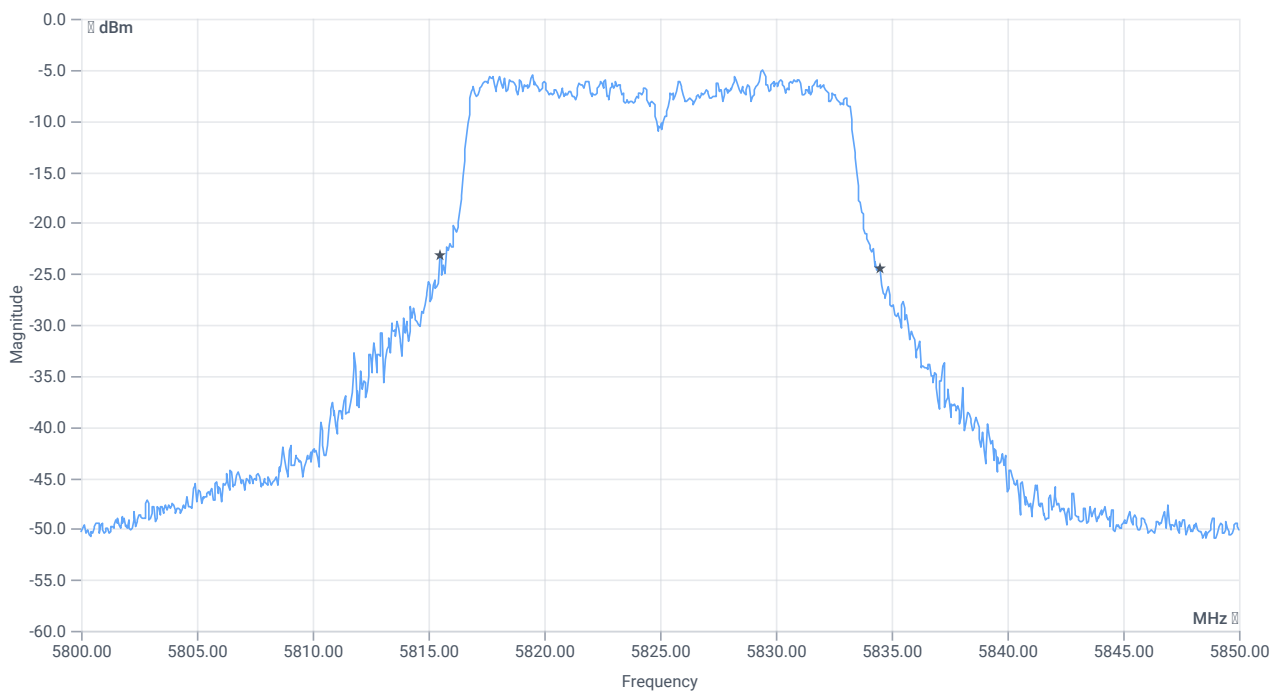




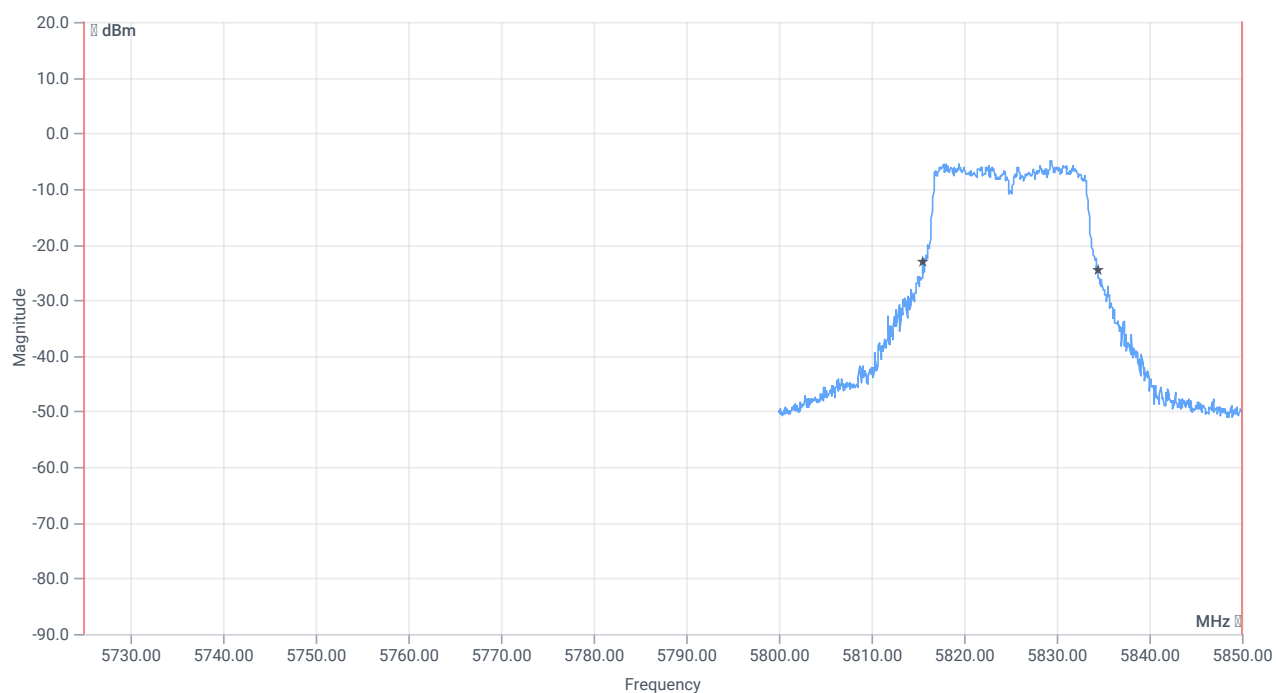
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5725.000000	---	5816.6084	MHz	PASS
T2 99%	---	5850.000000	5833.3916	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	19	MHz	INFO
T1 20dB	5725.000000	---	5815.5000	MHz	PASS
T2 20dB	---	5850.000000	5834.5000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:07:01
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

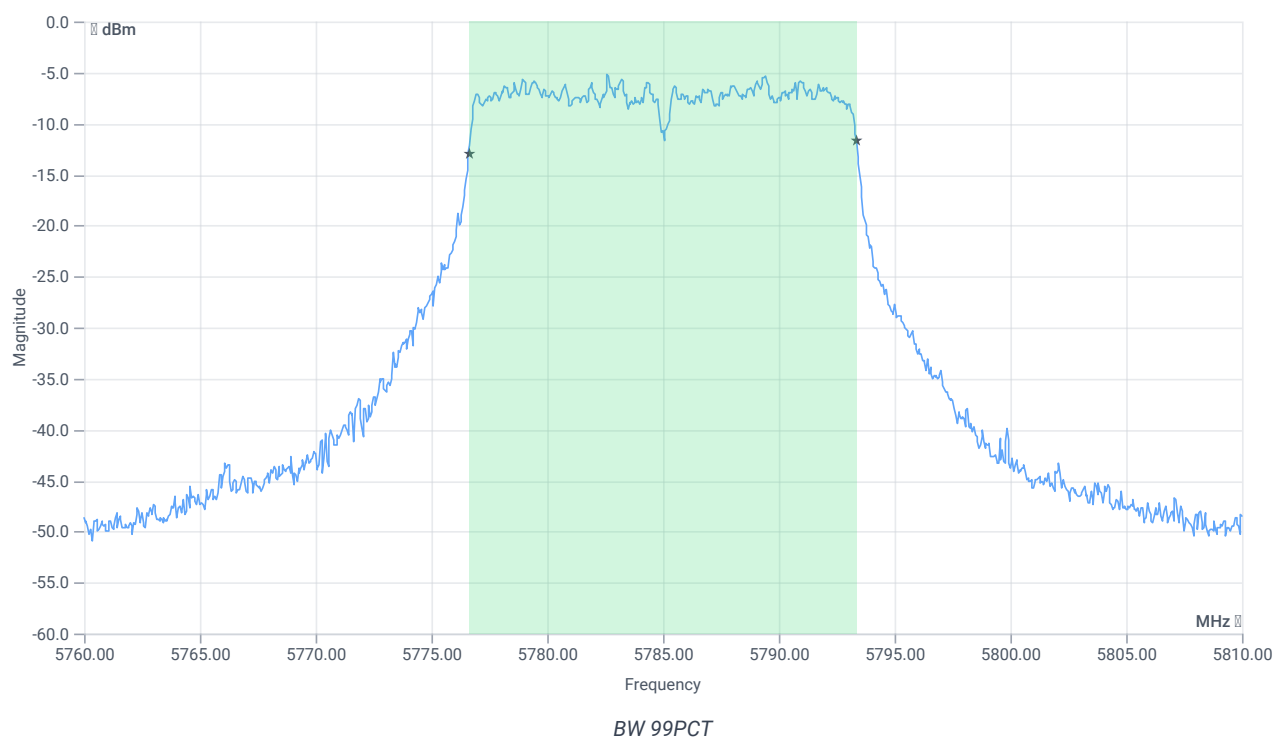
Test at TX 5785 MHz

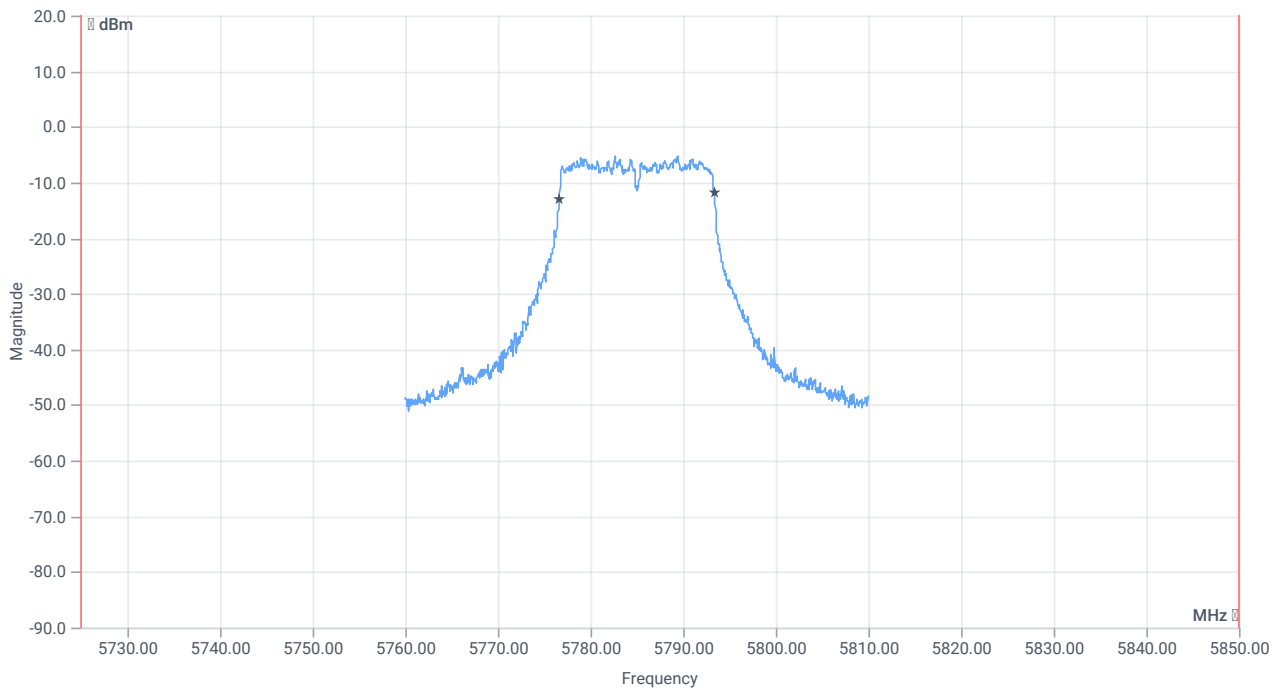
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.34	dBm	INFO
Ref. frequency	---	---	5781.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.66 10.41 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

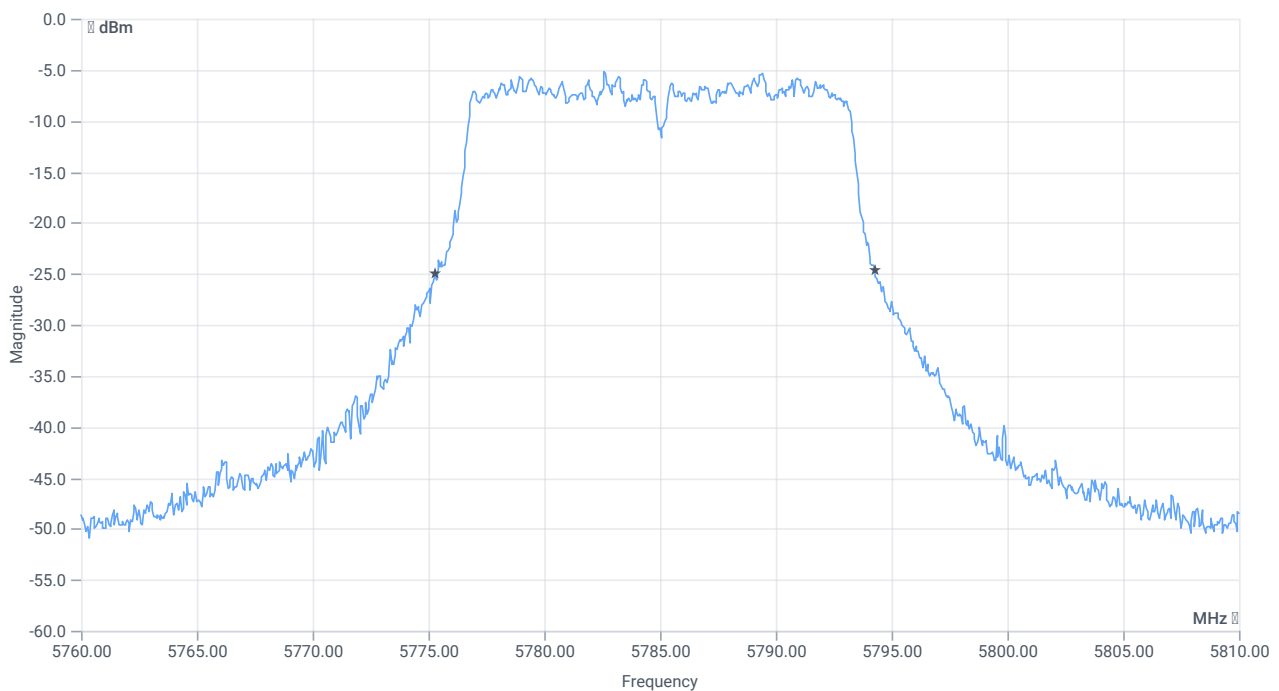




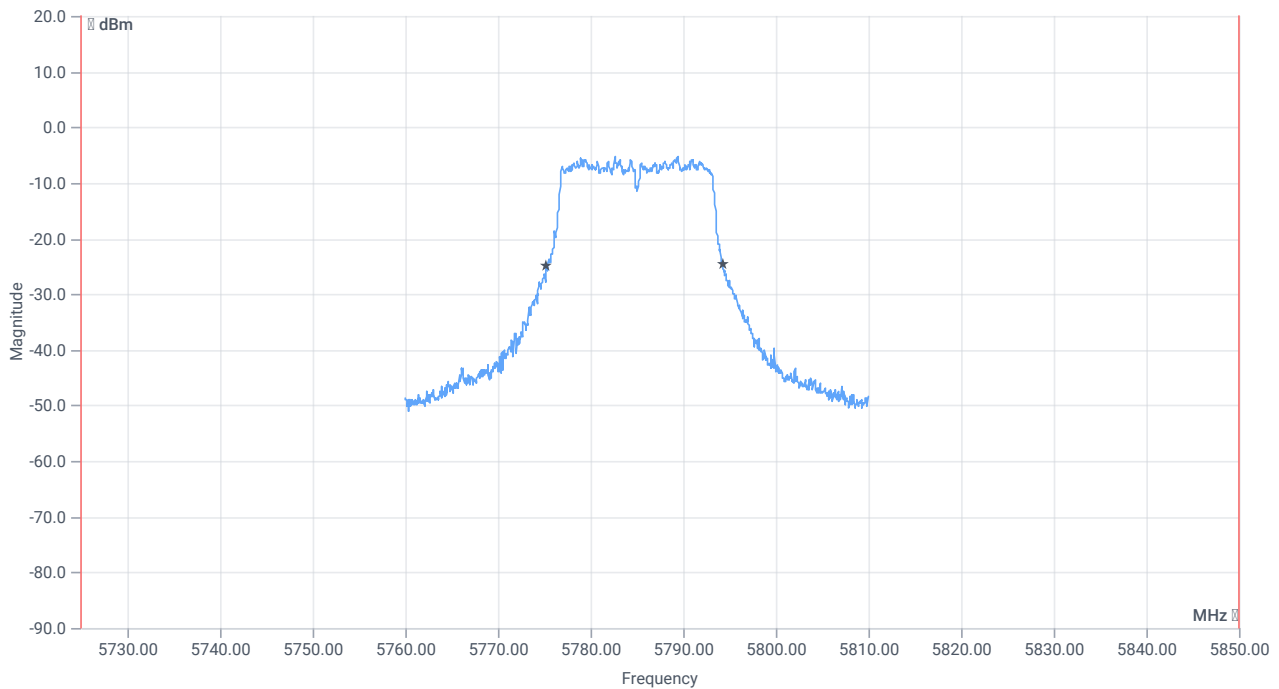
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5725.000000	---	5776.6084	MHz	PASS
T2 99%	---	5850.000000	5793.3417	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	19	MHz	INFO
T1 20dB	5725.000000	---	5775.2500	MHz	PASS
T2 20dB	---	5850.000000	5794.2500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 16:59:38
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

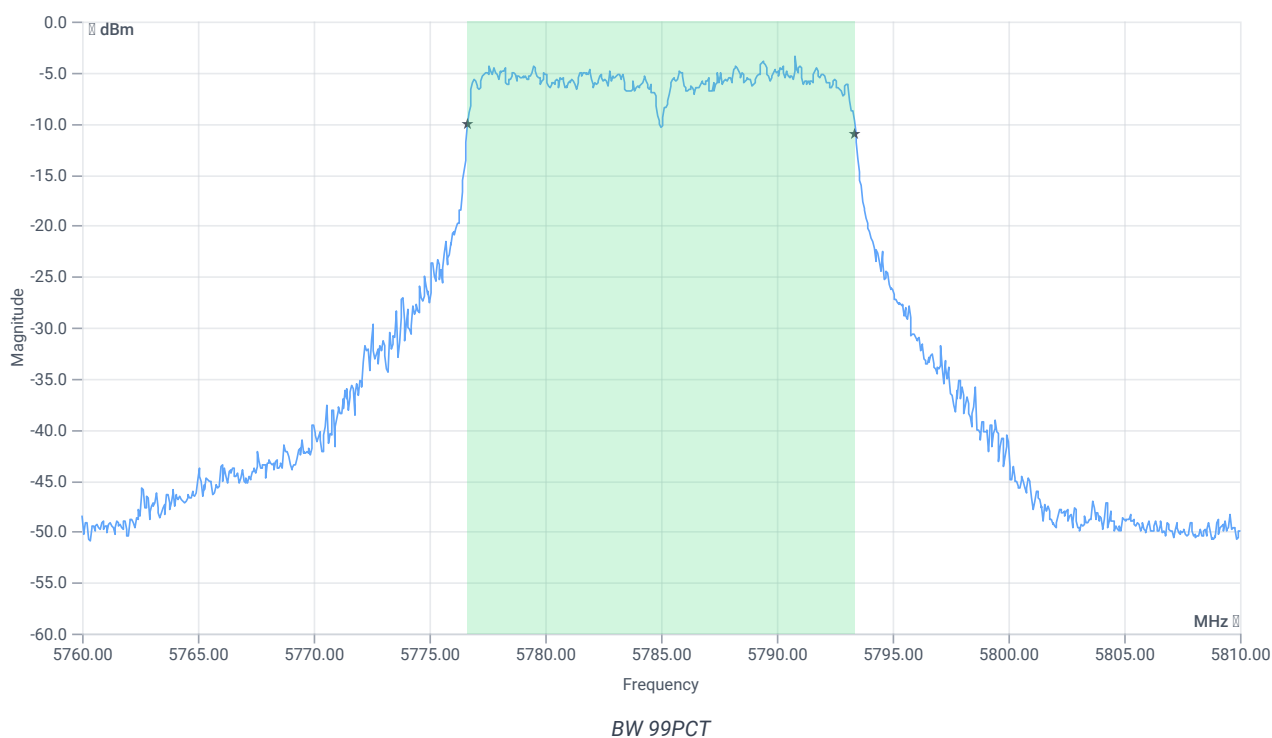
Test at TX 5785 MHz

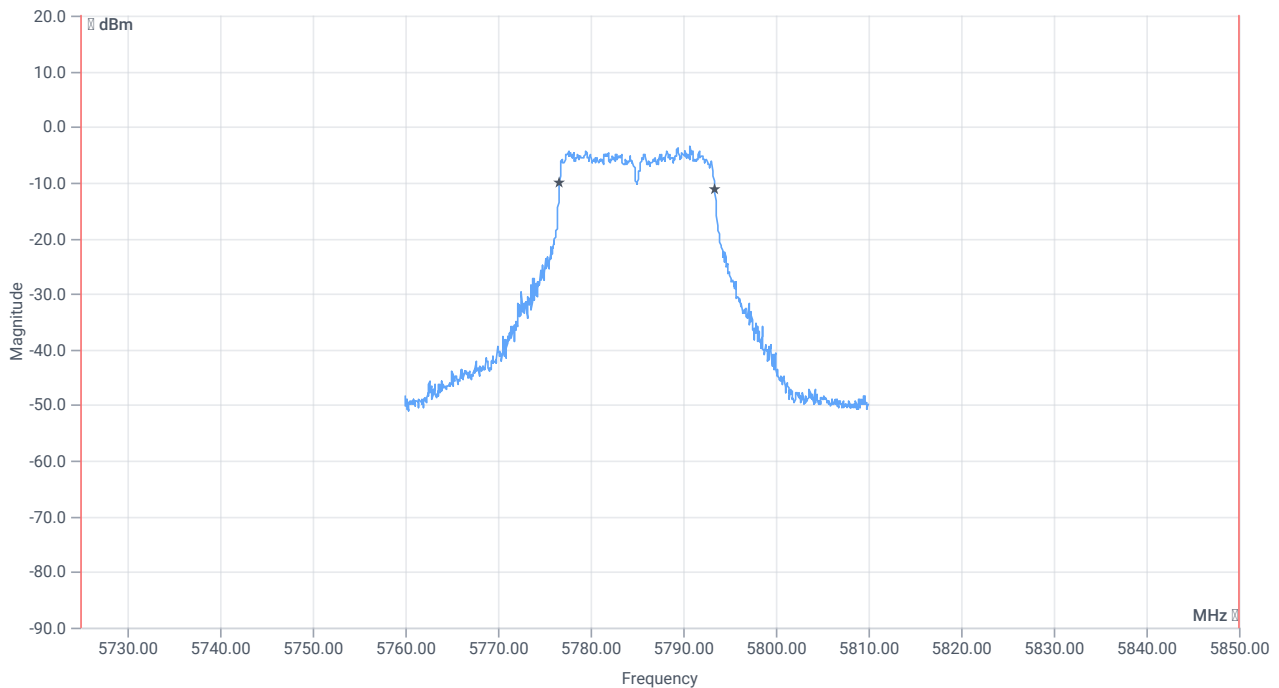
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.74	dBm	INFO
Ref. frequency	---	---	5780.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.74 10.38 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

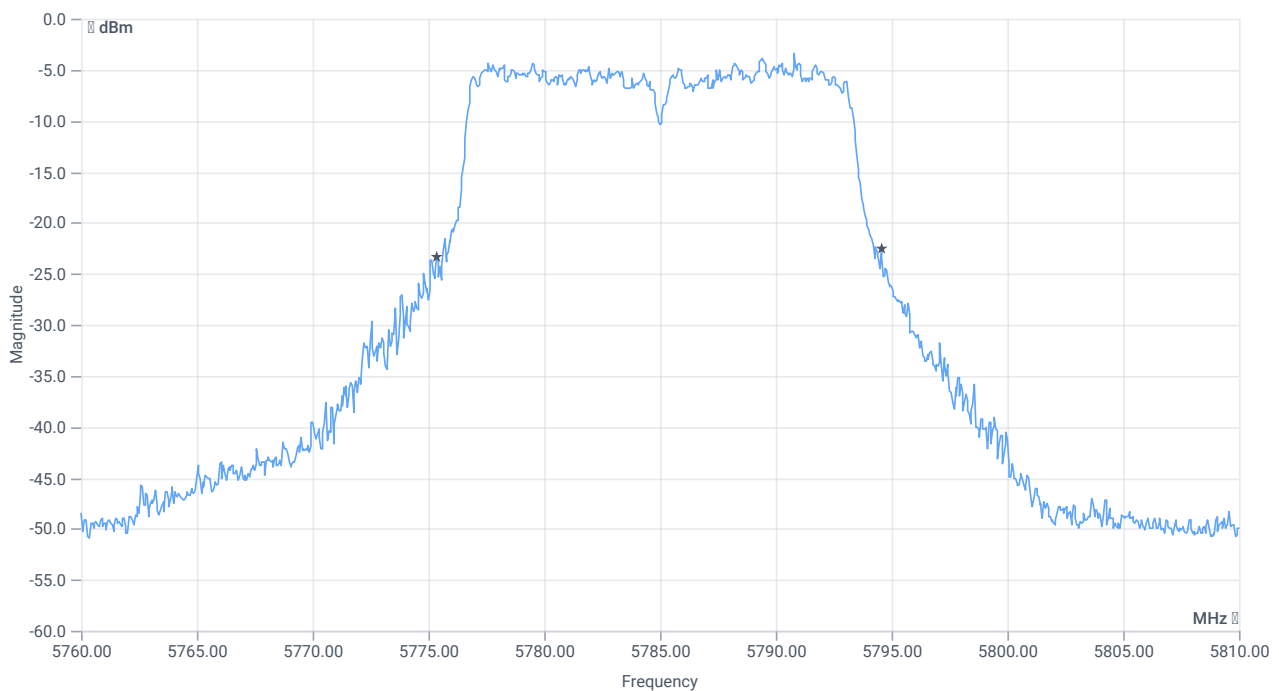




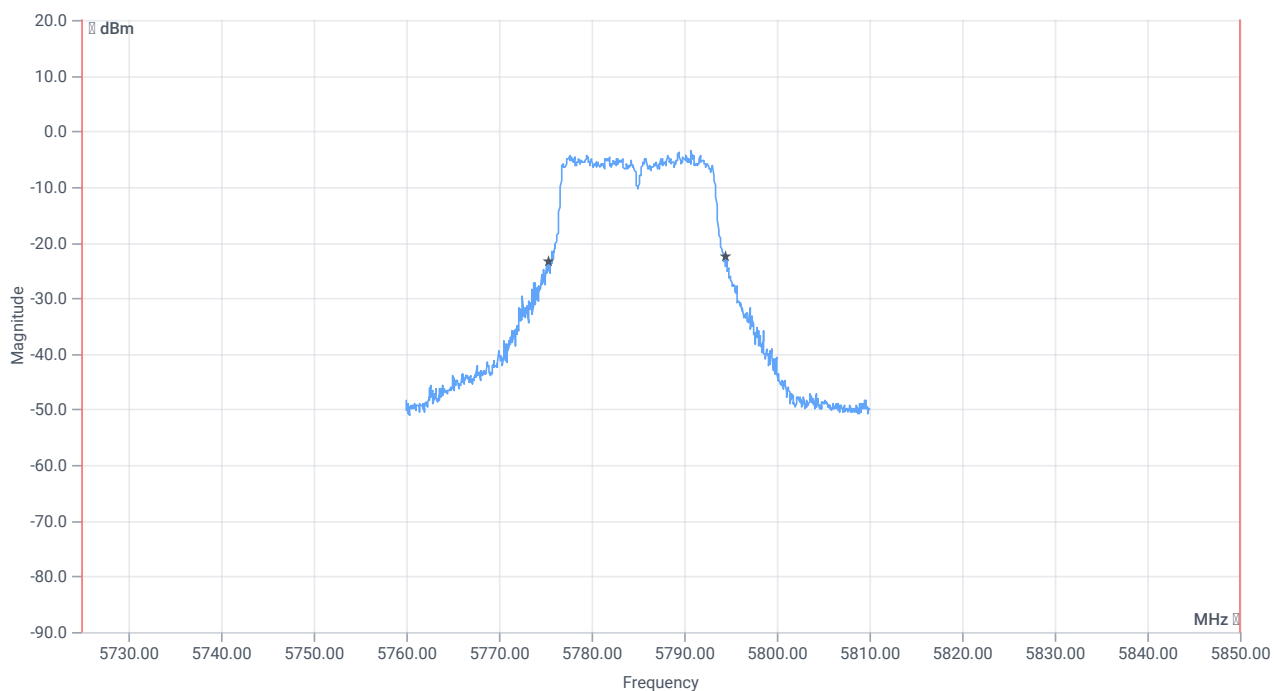
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5725.000000	---	5776.6583	MHz	PASS
T2 99%	---	5850.000000	5793.3916	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	19.2	MHz	INFO
T1 20dB	5725.000000	---	5775.3500	MHz	PASS
T2 20dB	---	5850.000000	5794.5500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 16:50:54
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

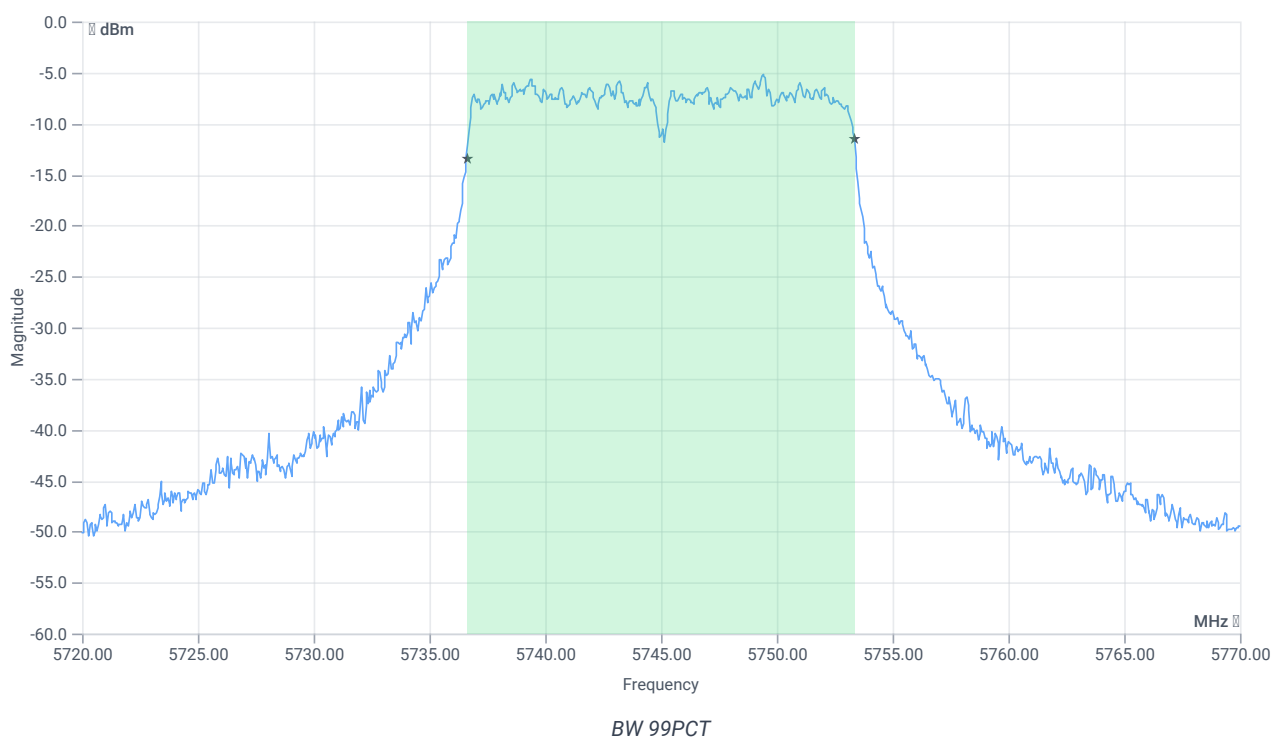
Test at TX 5745 MHz

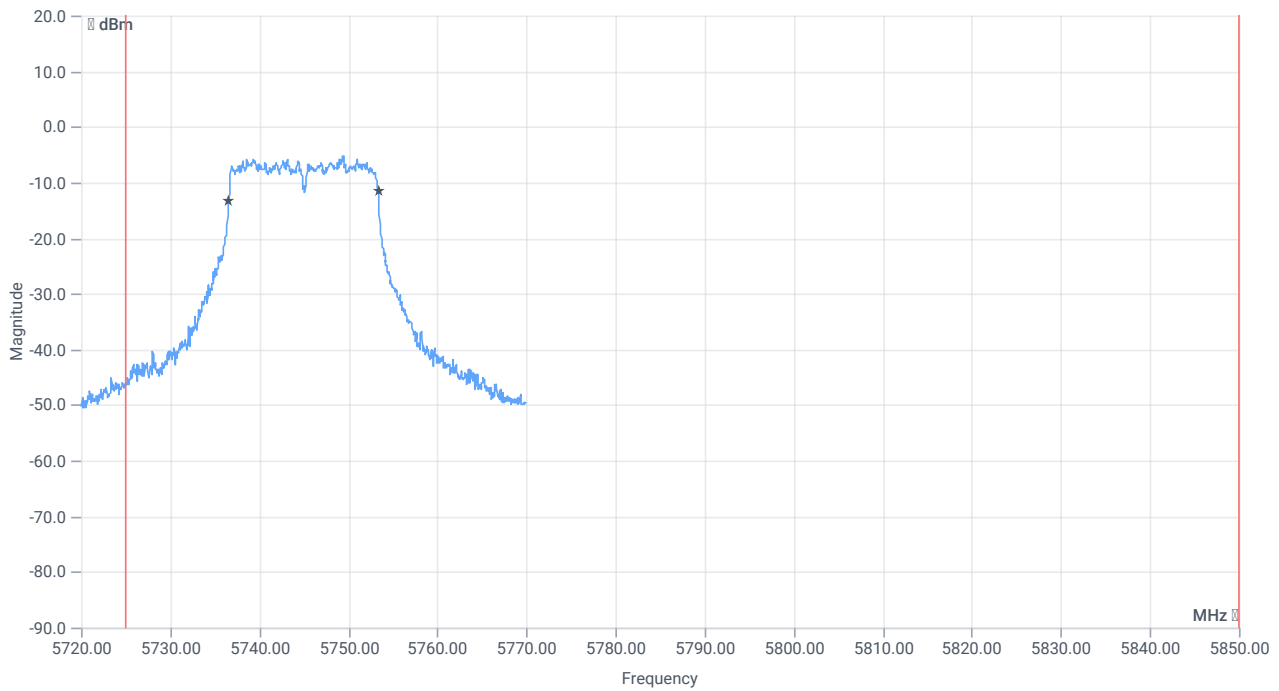
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.27	dBm	INFO
Ref. frequency	---	---	5739.610	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.73 10.38 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

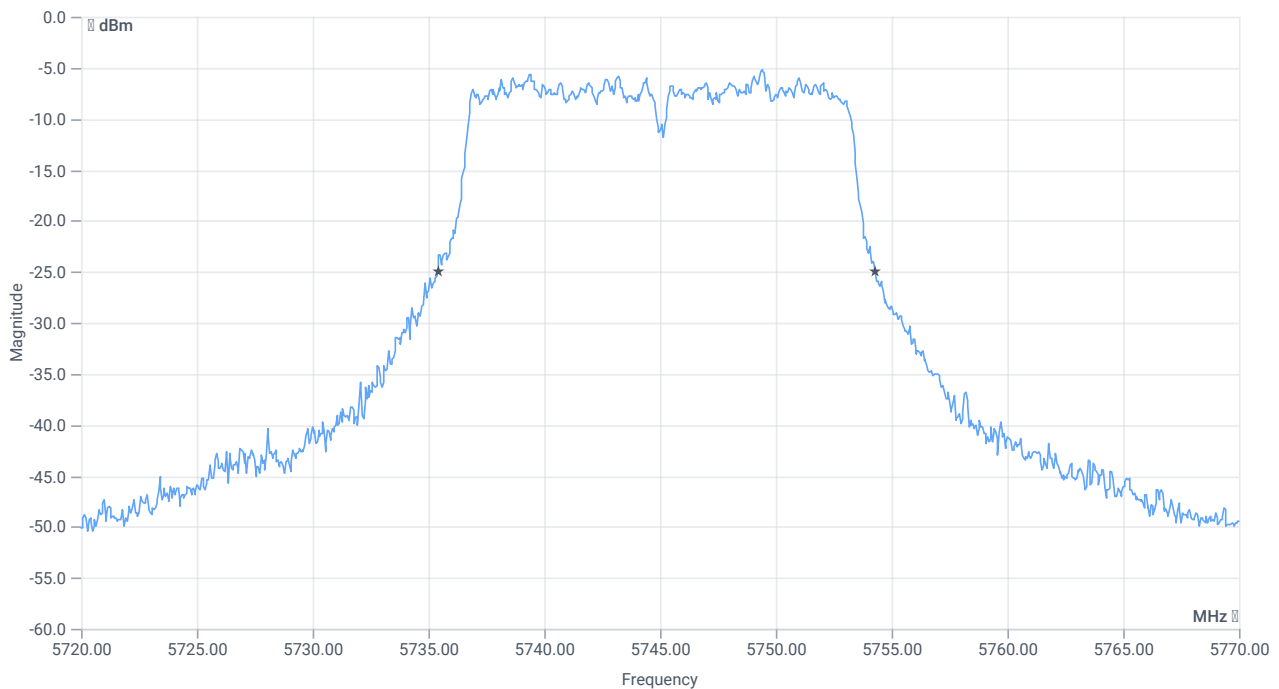




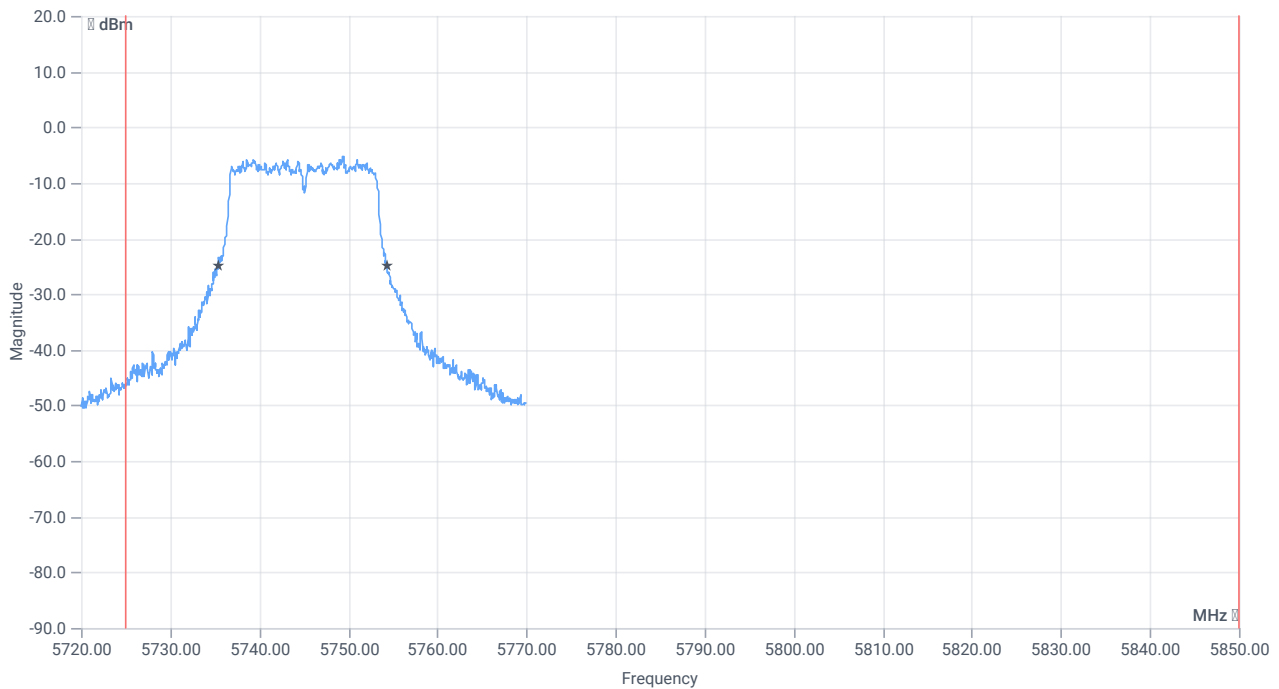
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5725.000000	---	5736.6084	MHz	PASS
T2 99%	---	5850.000000	5753.3417	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	18.9	MHz	INFO
T1 20dB	5725.000000	---	5735.4000	MHz	PASS
T2 20dB	---	5850.000000	5754.3000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 16:43:36
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

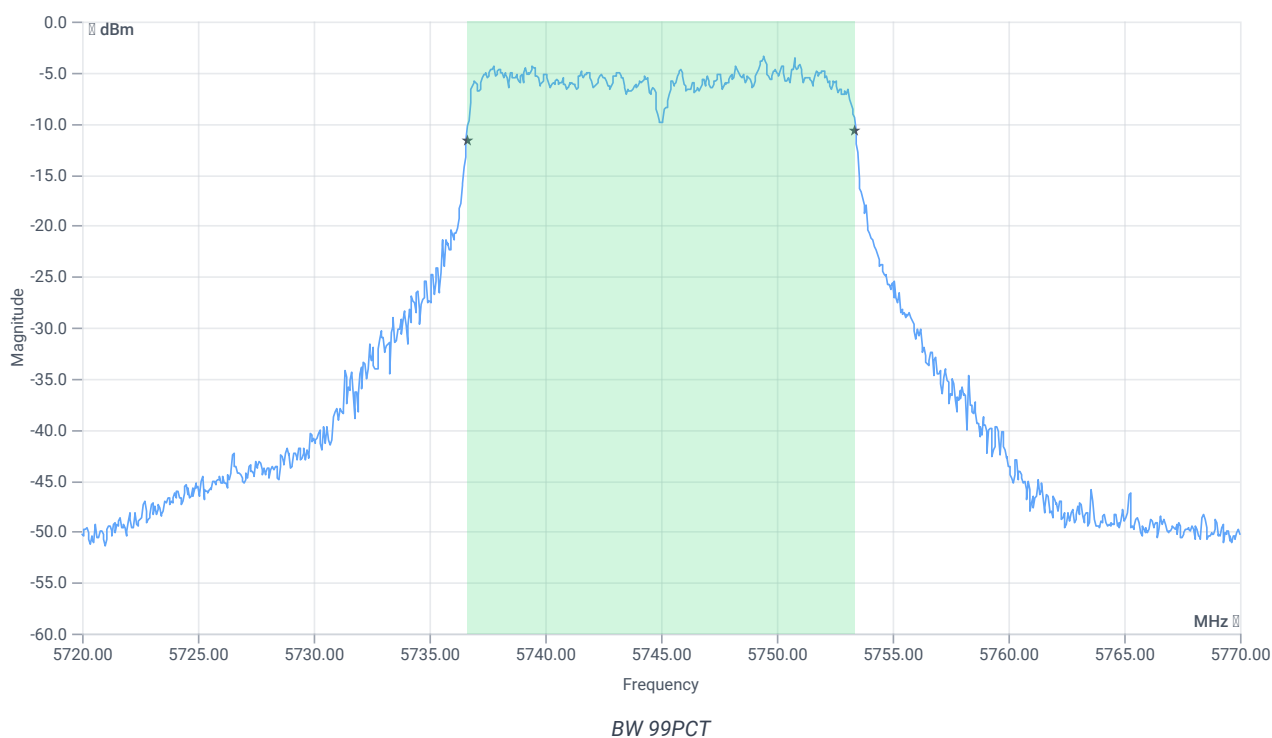
Test at TX 5745 MHz

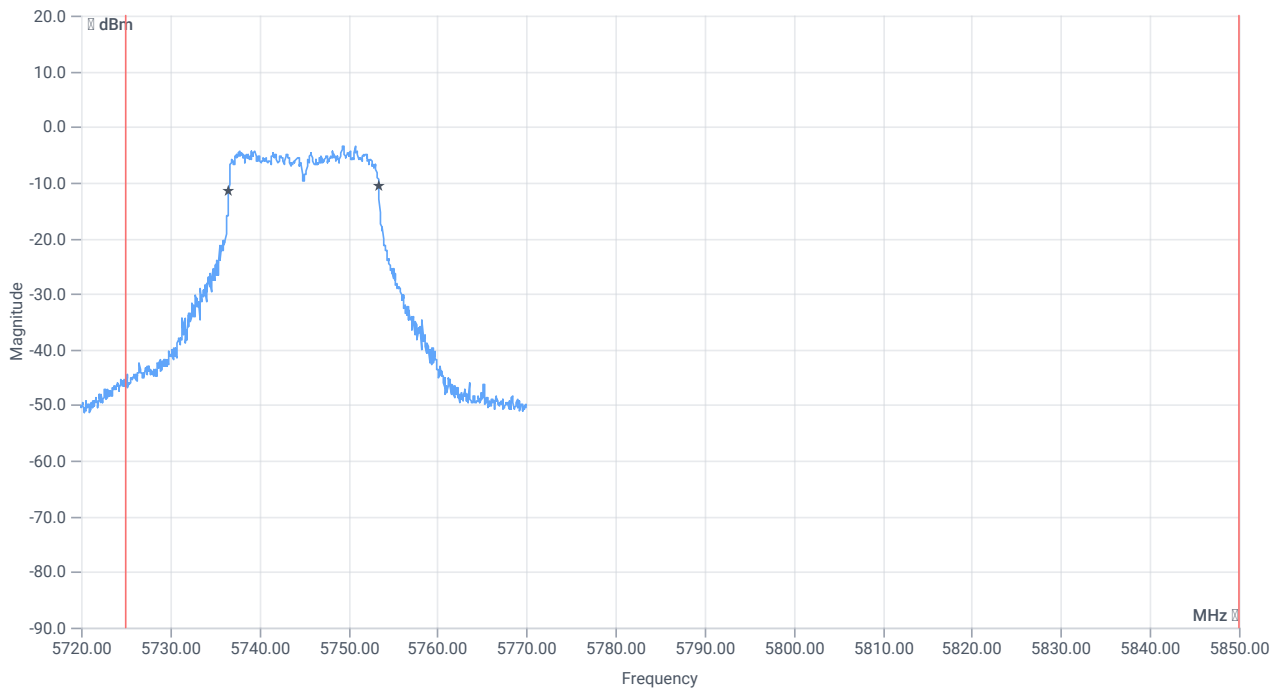
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.26	dBm	INFO
Ref. frequency	---	---	5742.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.26 10.36 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

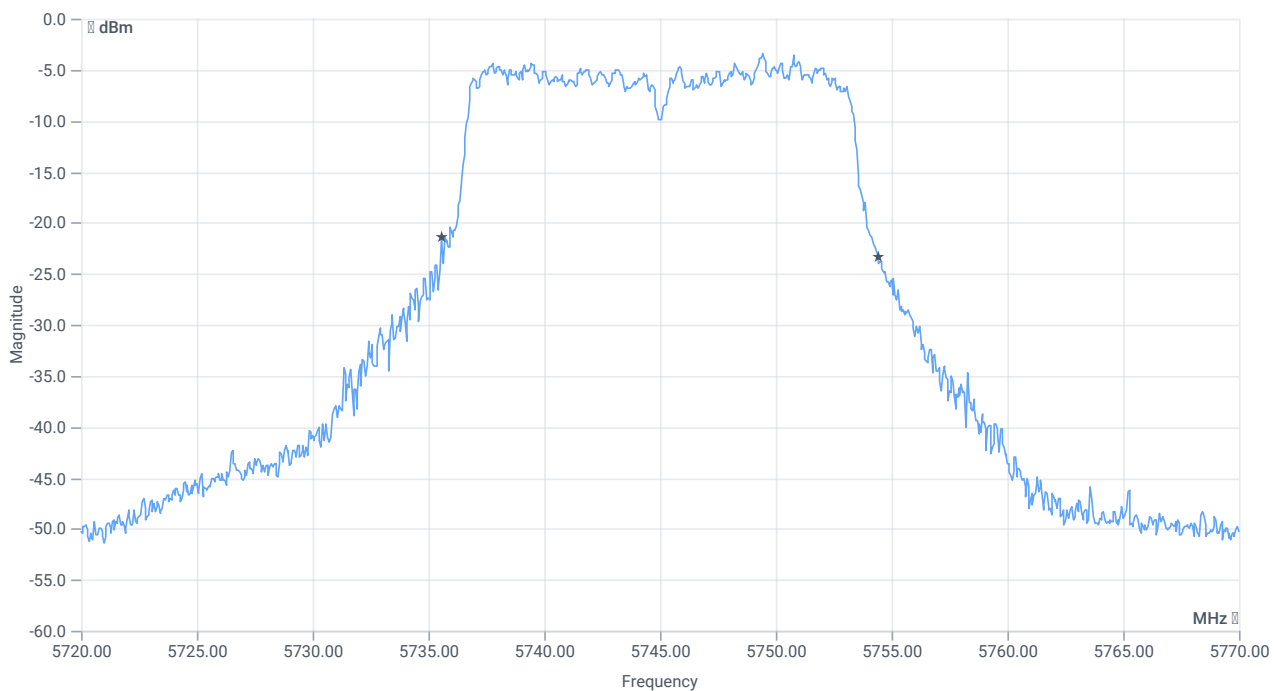




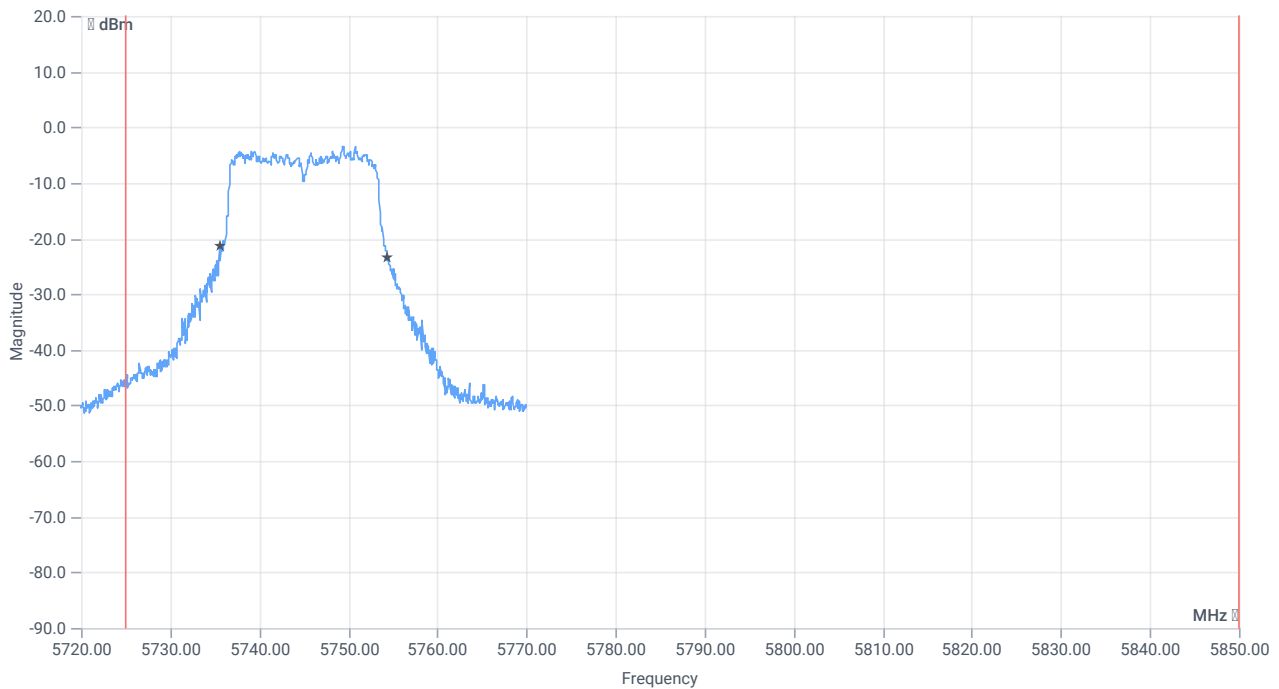
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5725.000000	---	5736.6084	MHz	PASS
T2 99%	---	5850.000000	5753.3916	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	18.85	MHz	INFO
T1 20dB	5725.000000	---	5735.5500	MHz	PASS
T2 20dB	---	5850.000000	5754.4000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:36:15
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

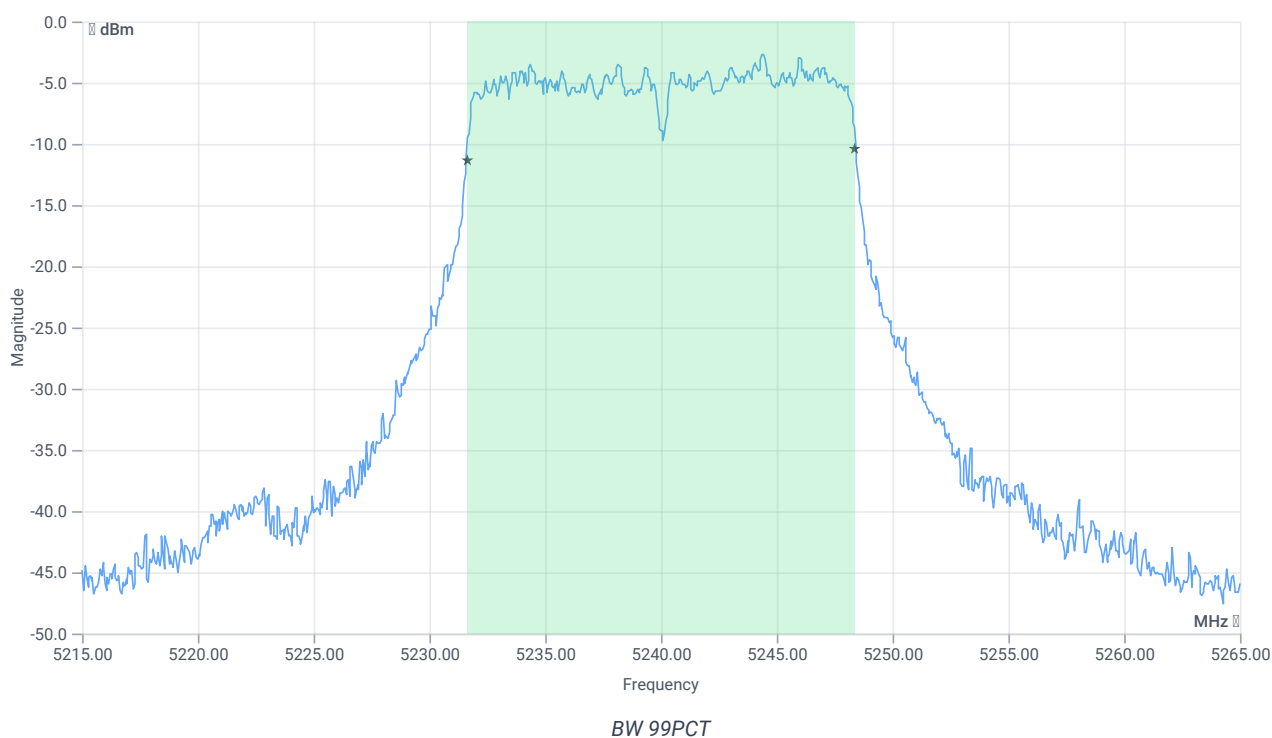
Test at TX 5240 MHz

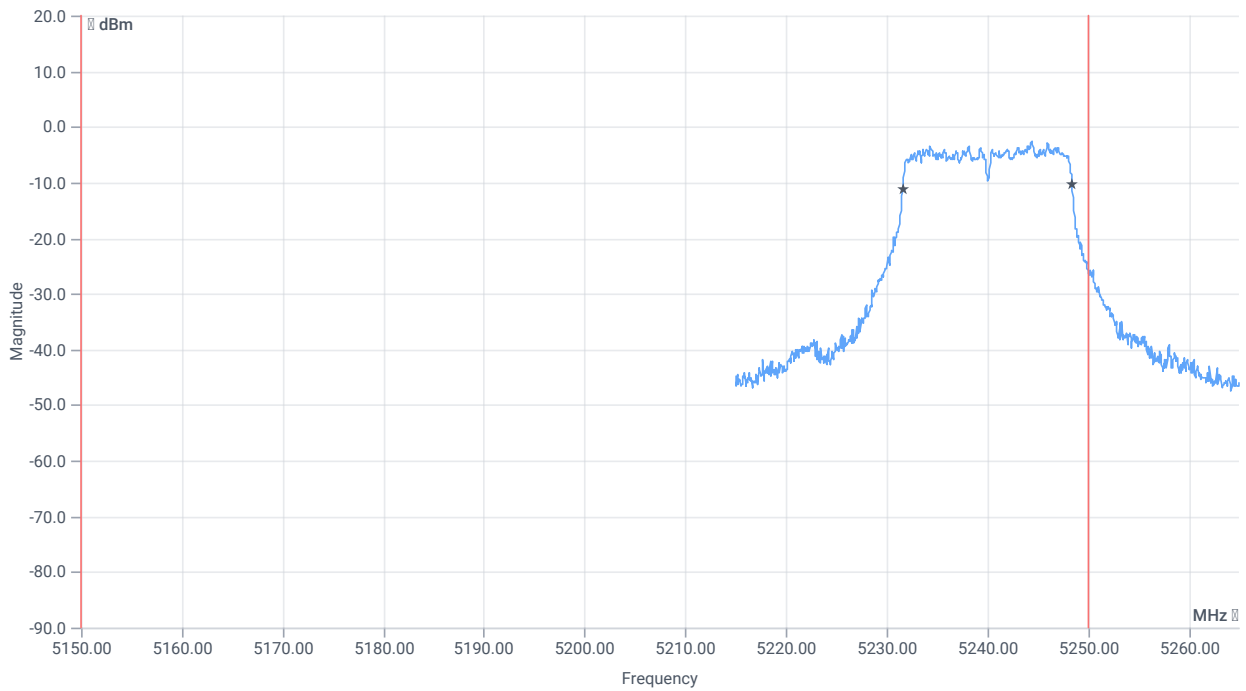
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.63	dBm	INFO
Ref. frequency	---	---	5243.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.63 9.93 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

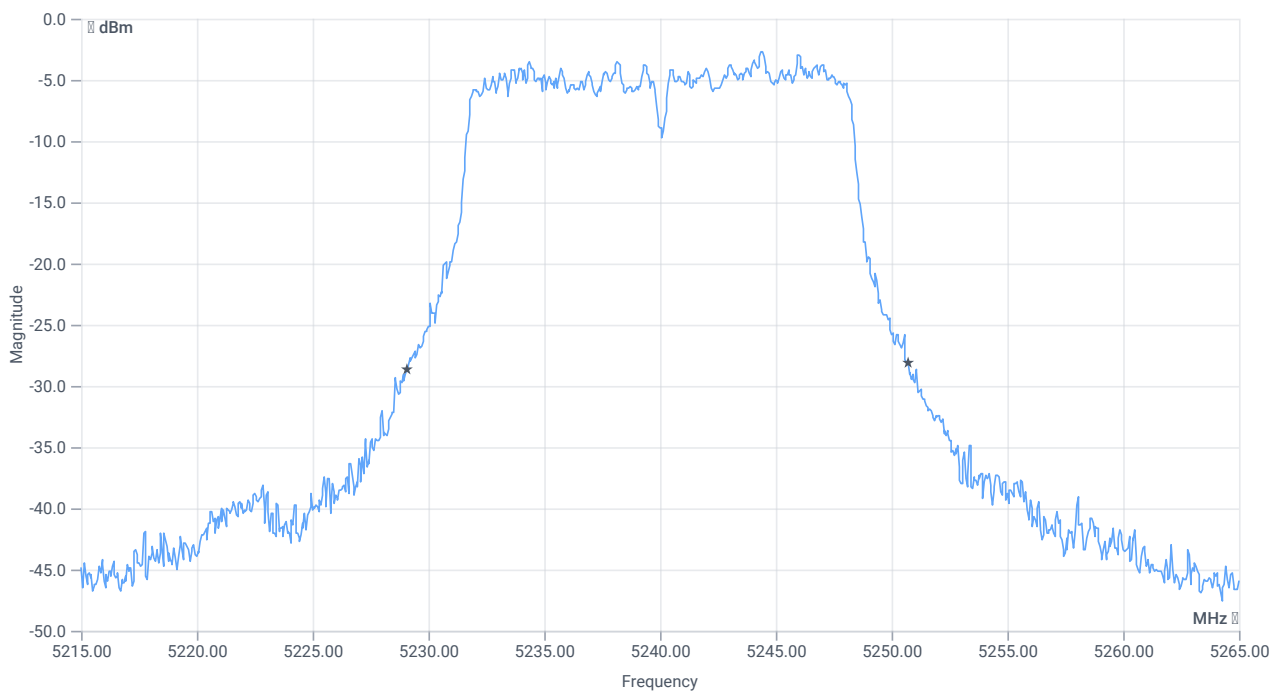




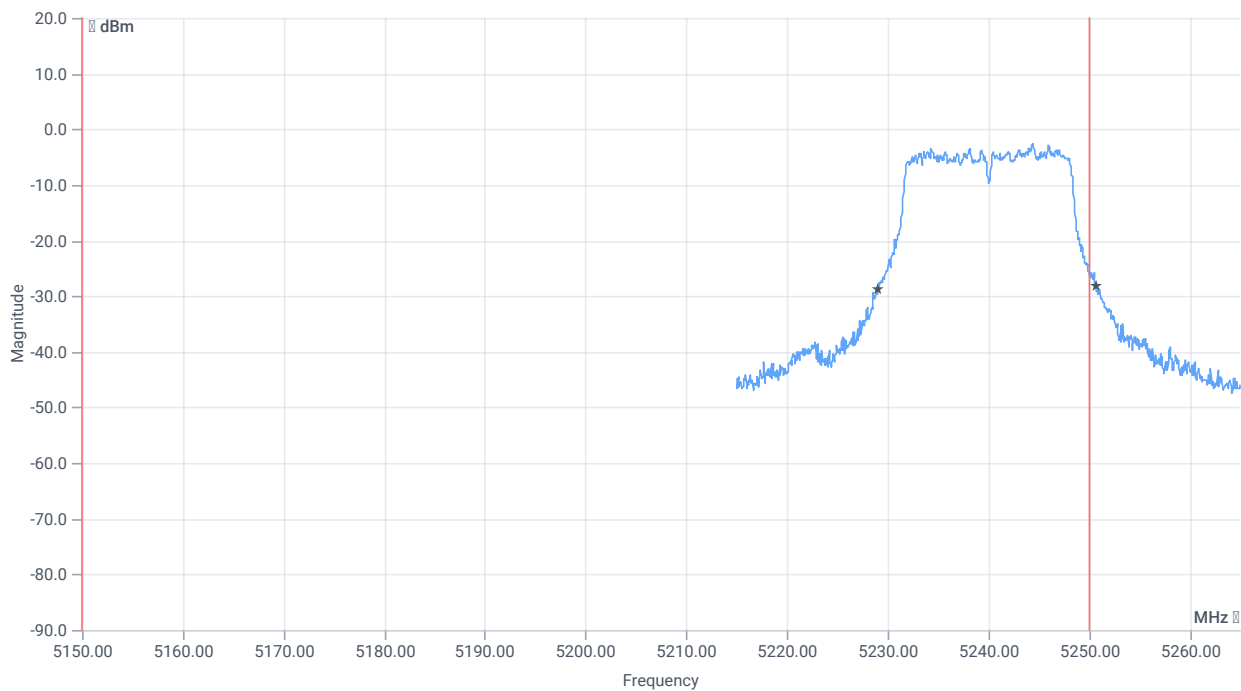
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5231.6084	MHz	PASS
T2 99%	---	5250.000000	5248.3916	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.65	MHz	INFO
T1 26dB	5150.000000	---	5229.0500	MHz	PASS
T2 26dB	---	5250.000000	5250.7000	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:32:18
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

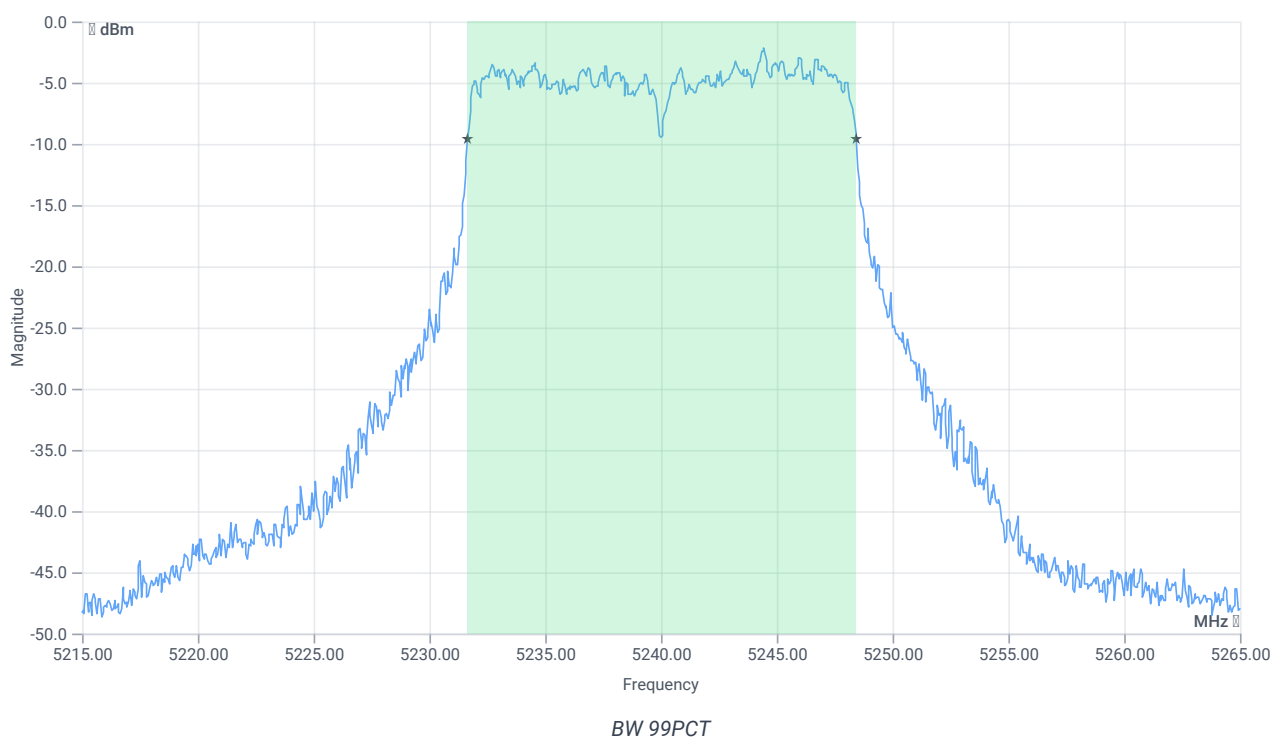
Test at TX 5240 MHz

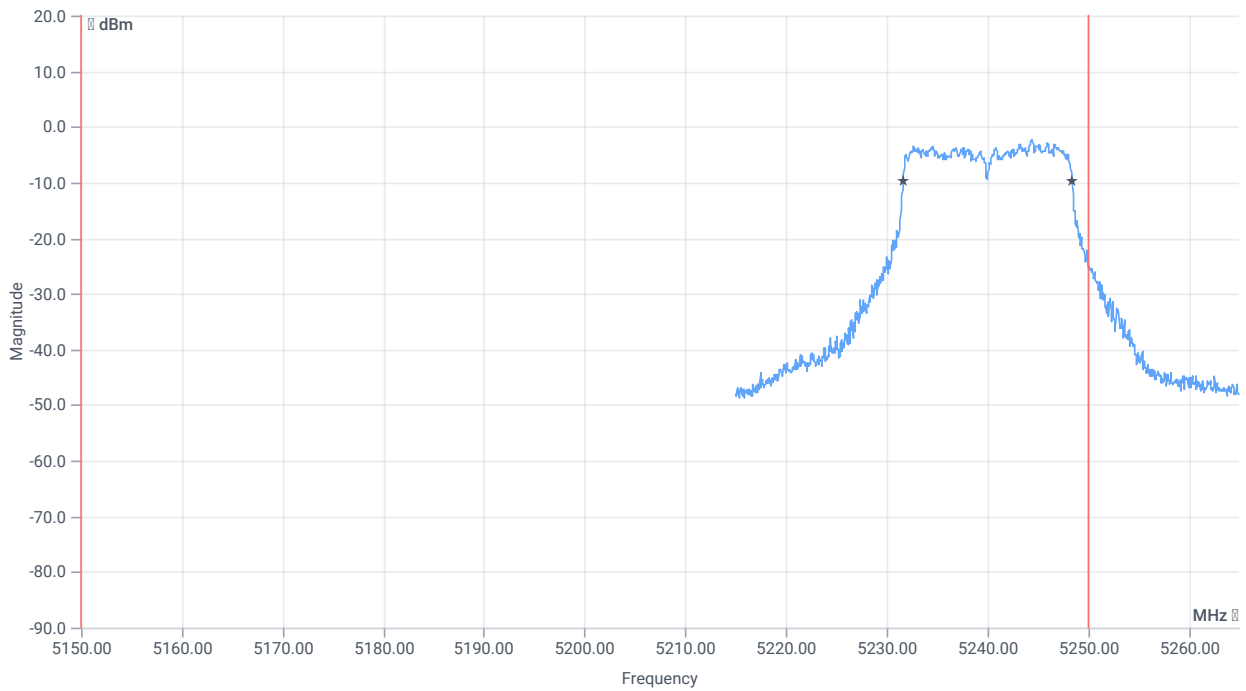
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.50	dBm	INFO
Ref. frequency	---	---	5234.410	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.50 9.92 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

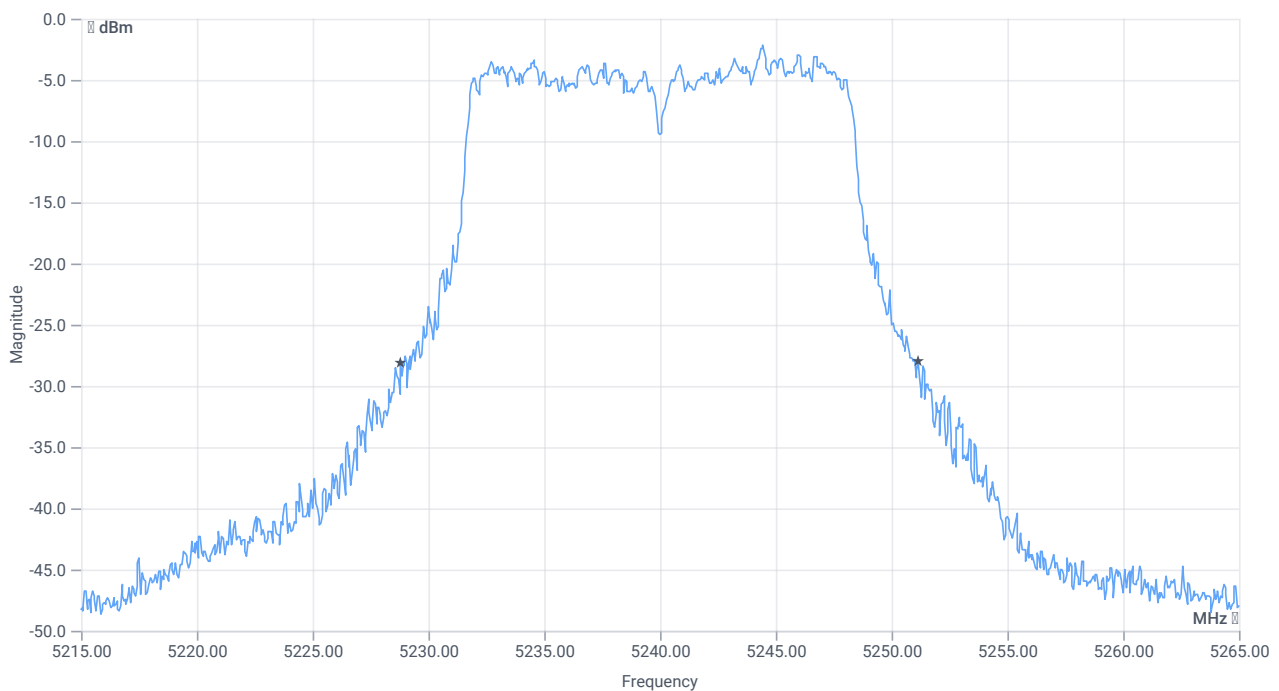




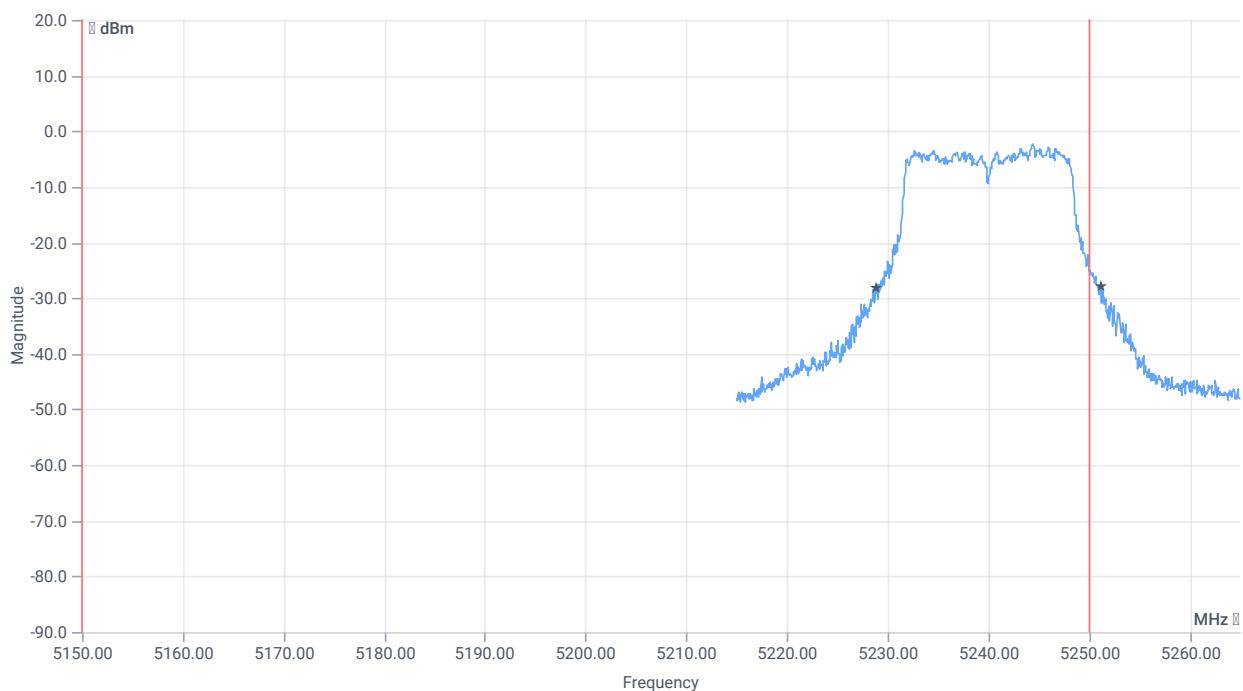
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5231.6583	MHz	PASS
T2 99%	---	5250.000000	5248.4416	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.35	MHz	INFO
T1 26dB	5150.000000	---	5228.8000	MHz	PASS
T2 26dB	---	5250.000000	5251.1500	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:26:51
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

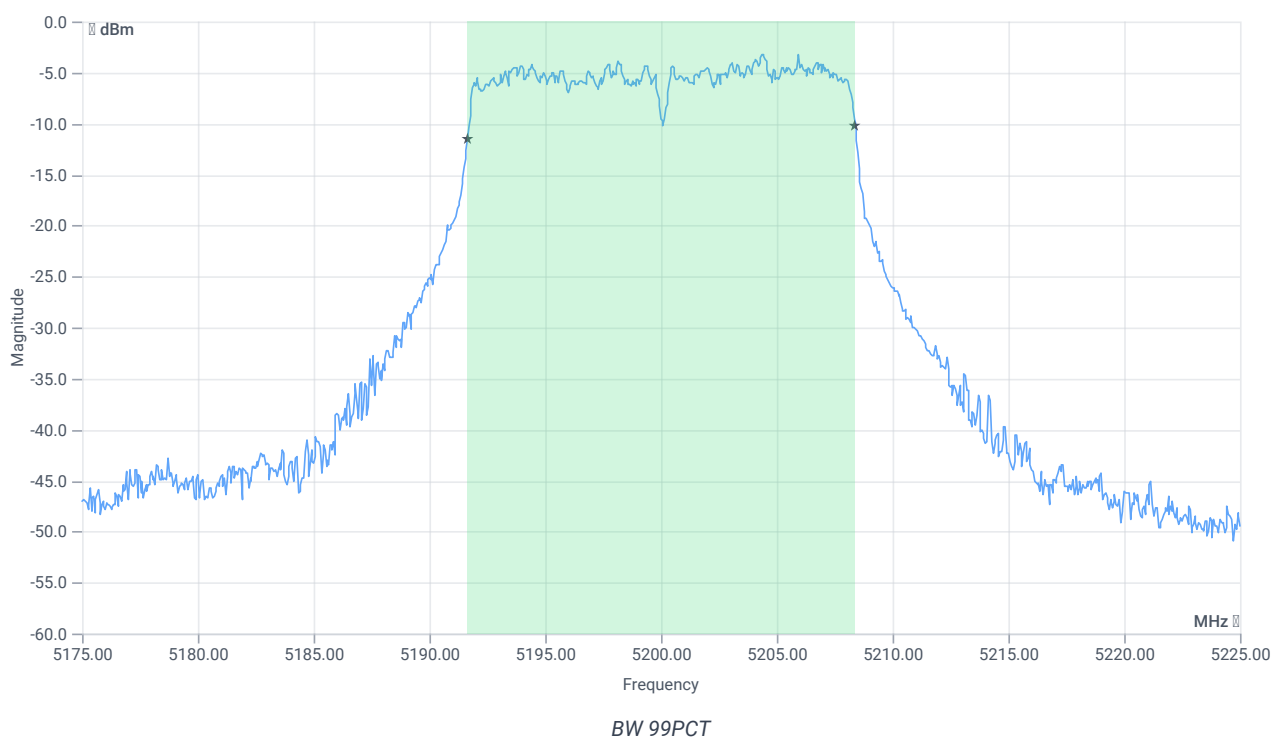
Test at TX 5200 MHz

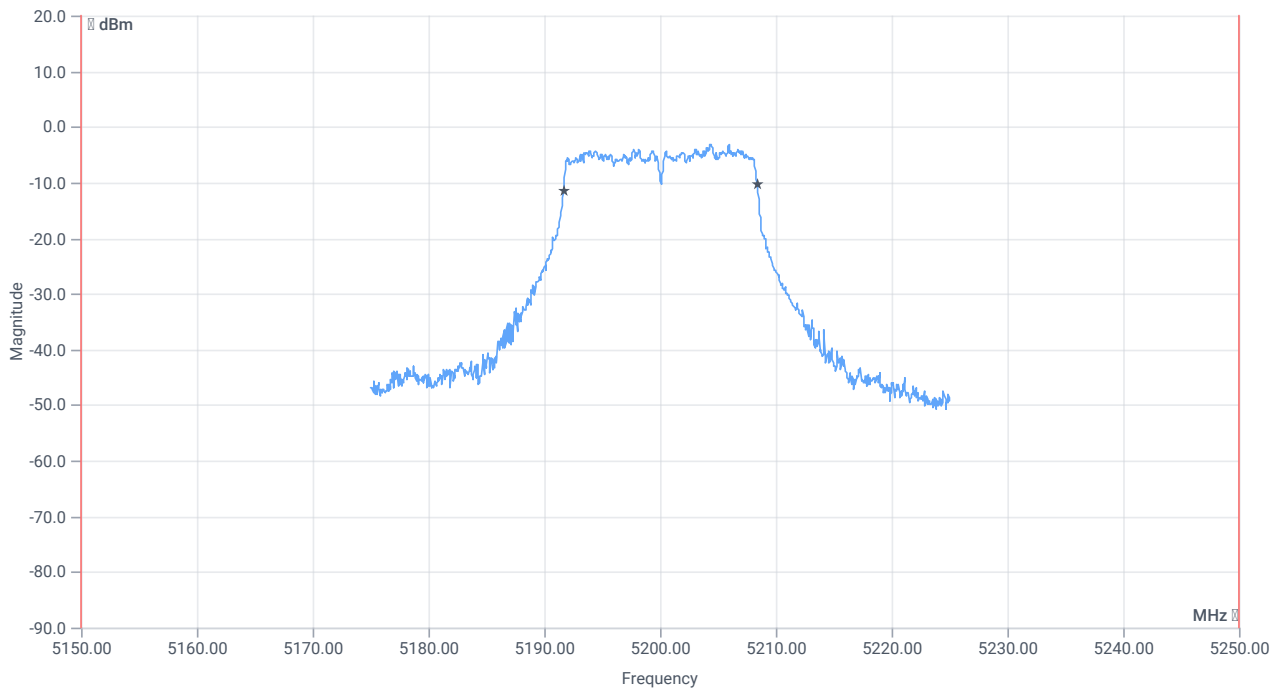
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.20	dBm	INFO
Ref. frequency	---	---	5196.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.20 10.08 15
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

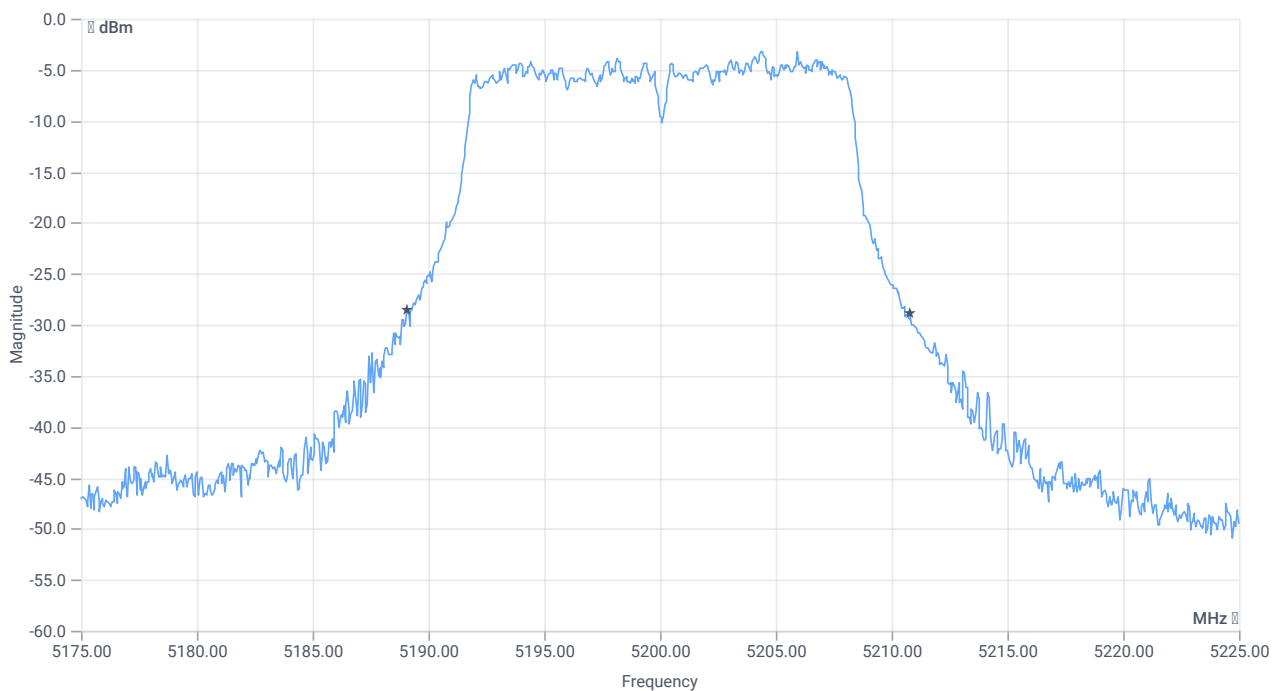




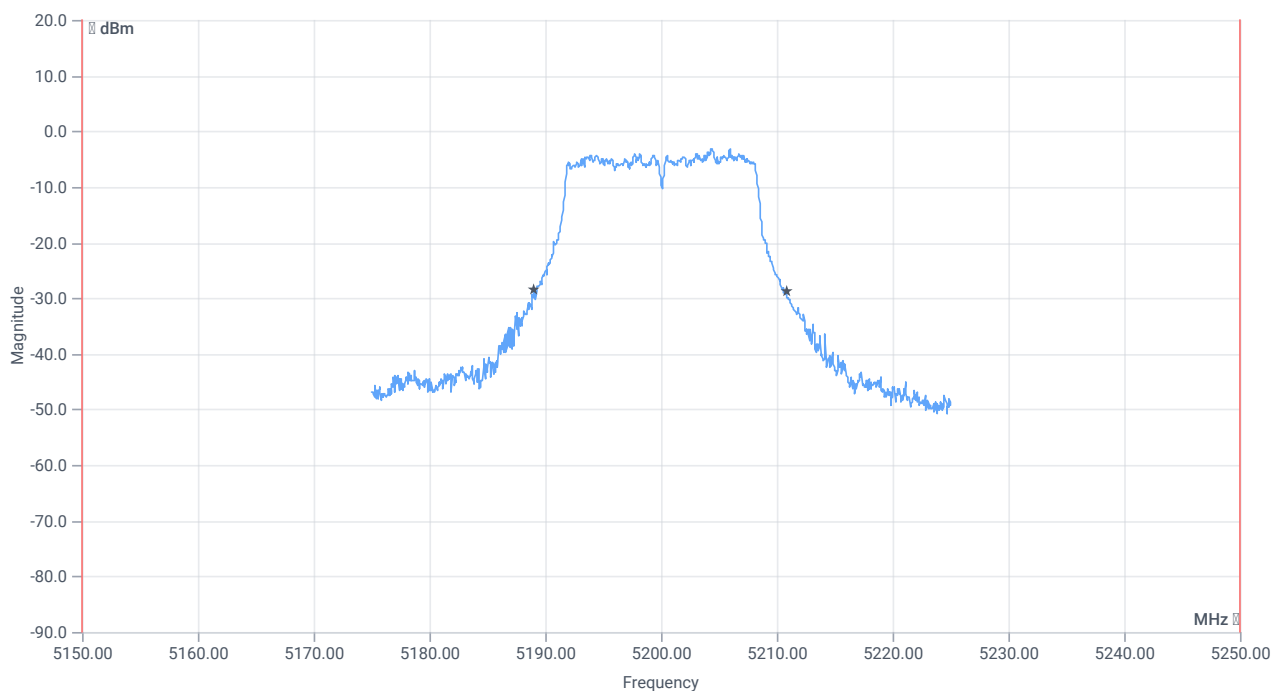
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5150.000000	---	5191.6583	MHz	PASS
T2 99%	---	5250.000000	5208.3916	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.75	MHz	INFO
T1 26dB	5150.000000	---	5189.0500	MHz	PASS
T2 26dB	---	5250.000000	5210.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:22:45
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

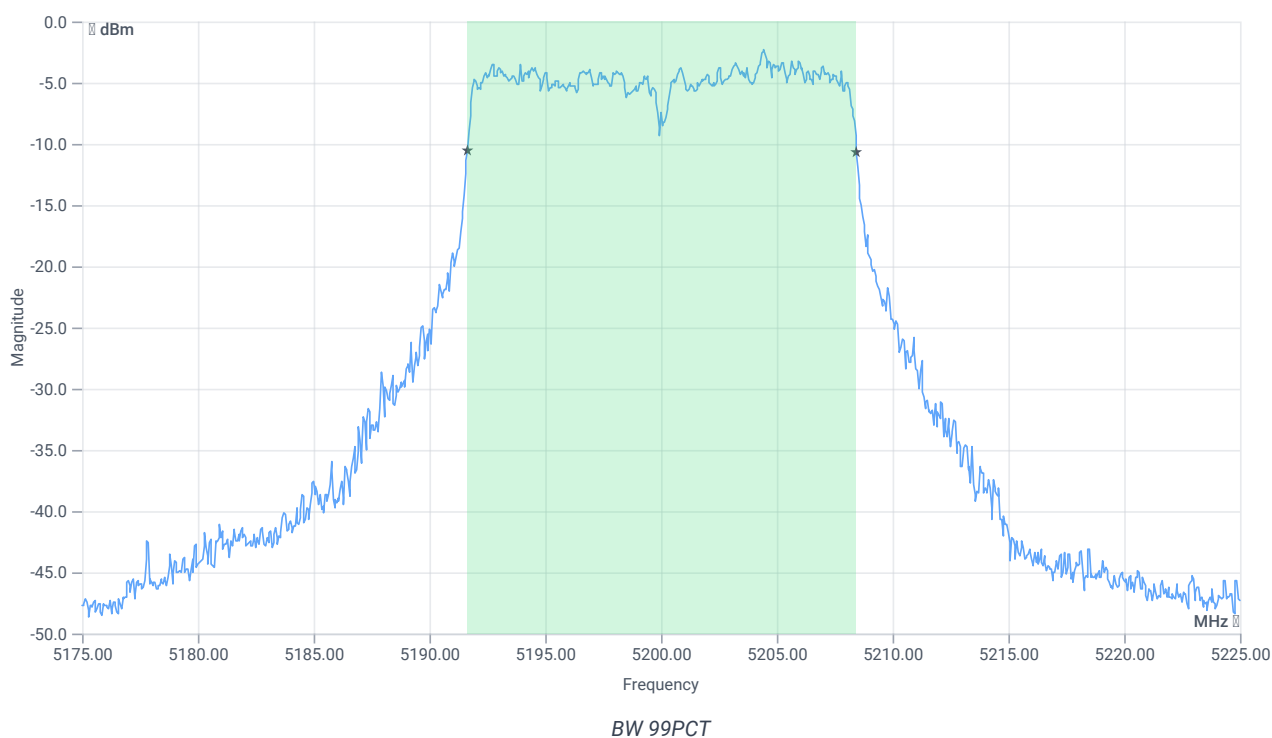
Test at TX 5200 MHz

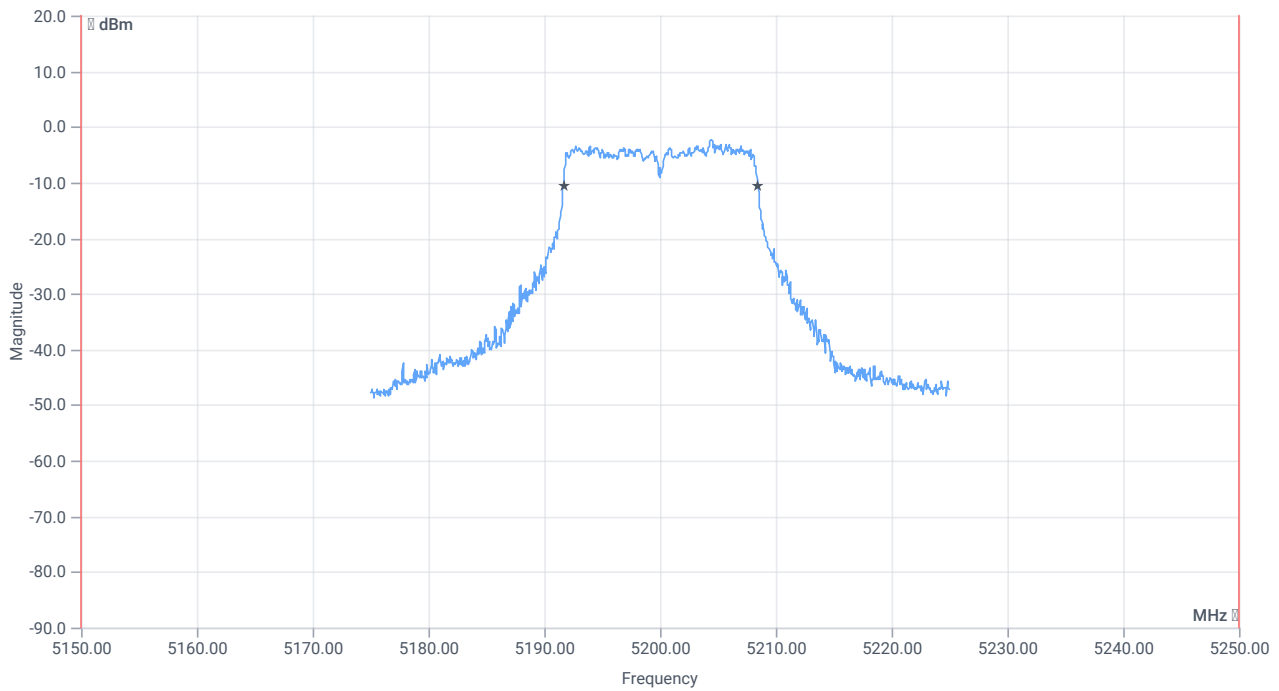
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.49	dBm	INFO
Ref. frequency	---	---	5207.390	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.49 10.05 20
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

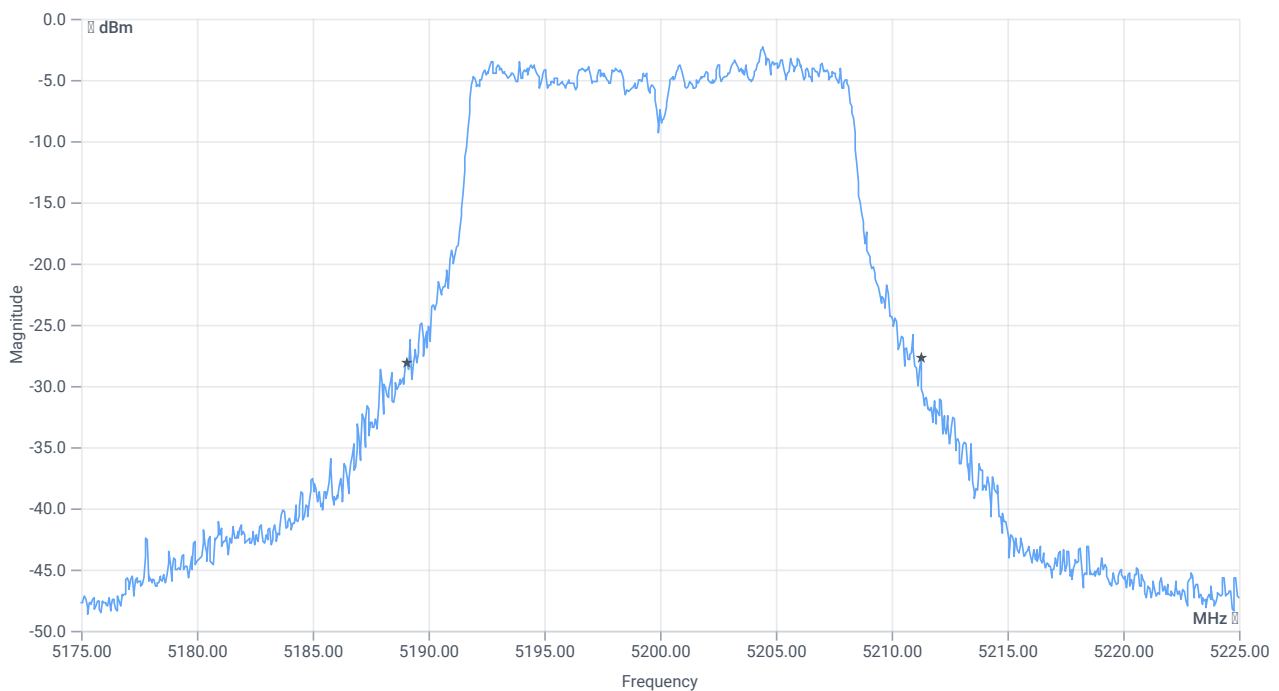




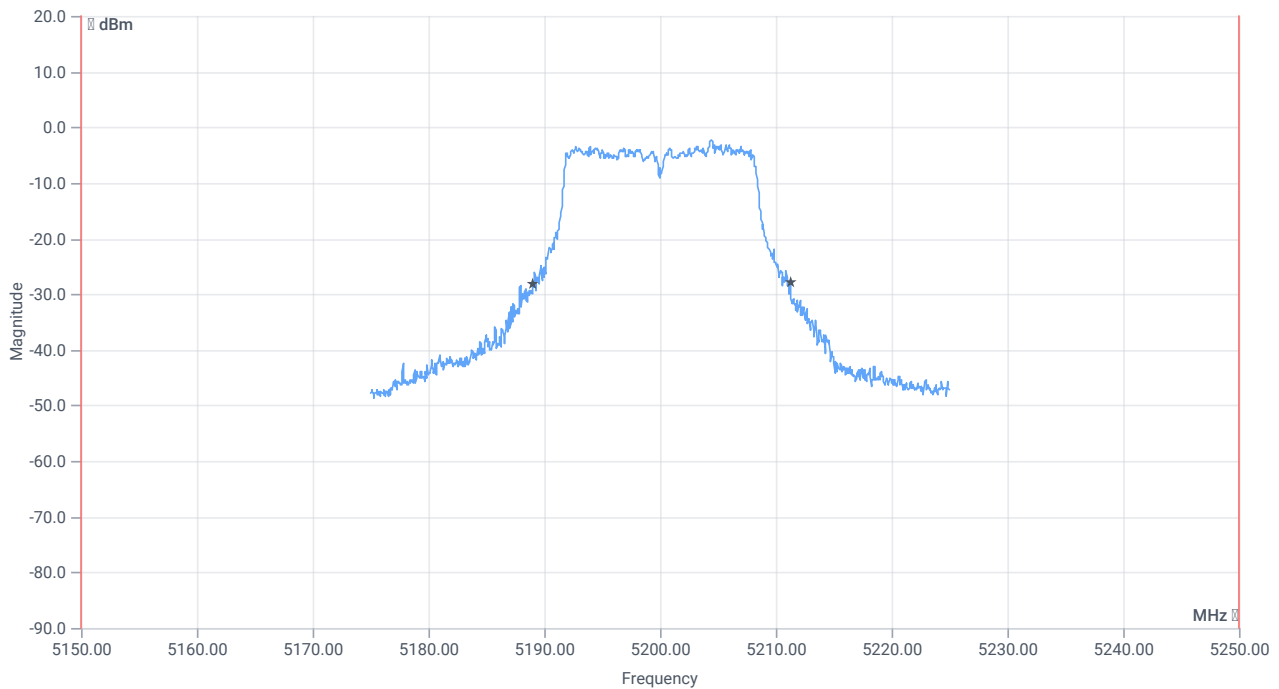
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5191.6583	MHz	PASS
T2 99%	---	5250.000000	5208.4416	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.2	MHz	INFO
T1 26dB	5150.000000	---	5189.0500	MHz	PASS
T2 26dB	---	5250.000000	5211.2500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:17:38
Ambit temp [°C] humidity [rel%]	26.7 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

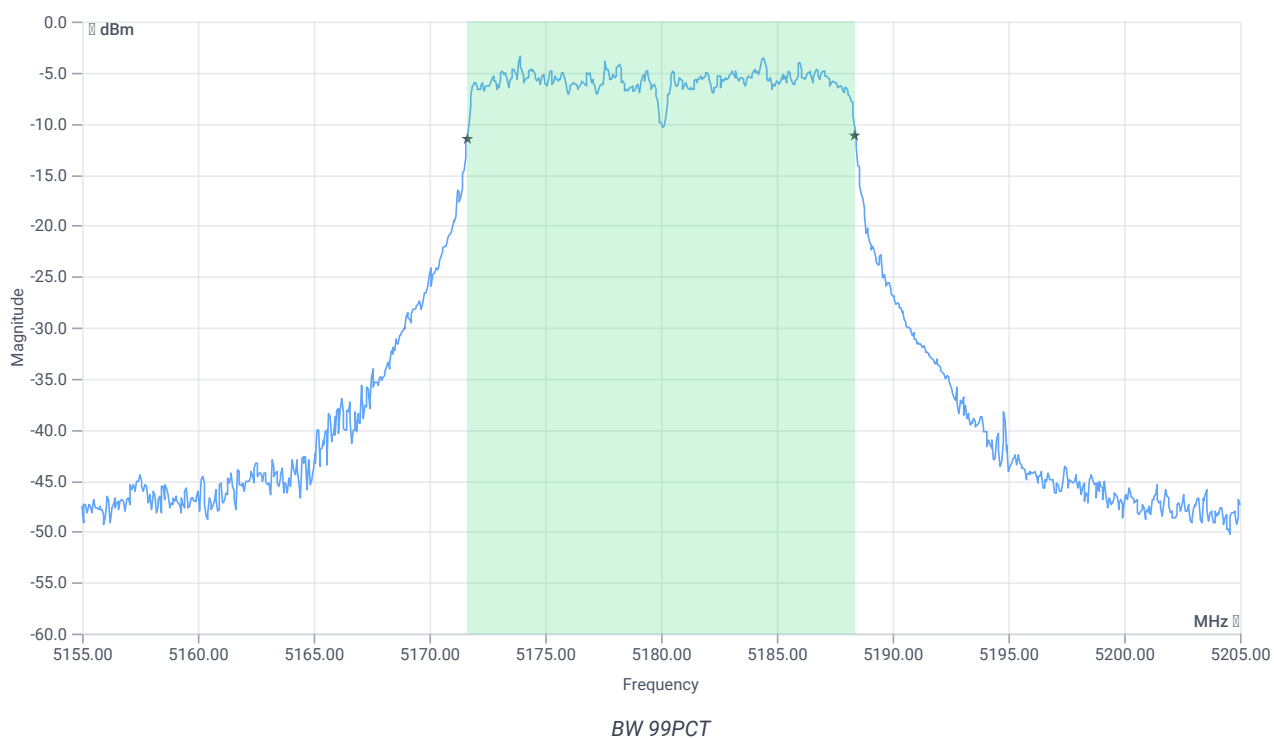
Test at TX 5180 MHz

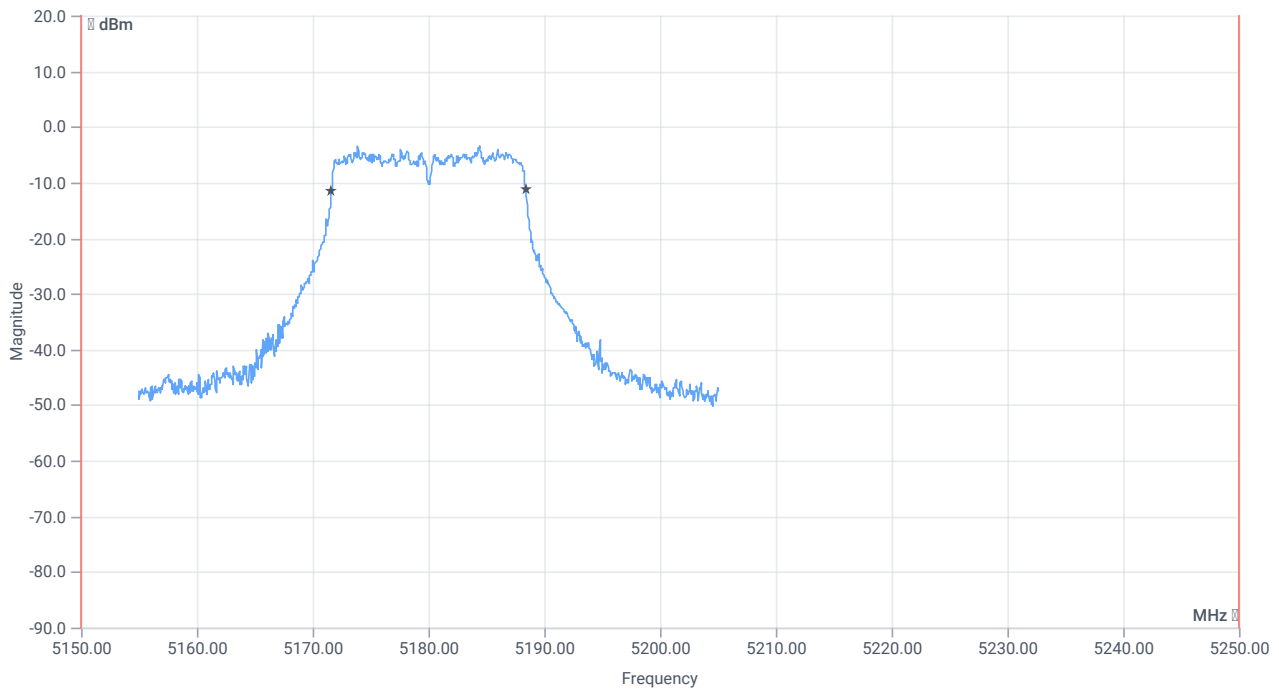
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.80	dBm	INFO
Ref. frequency	---	---	5187.390	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.80 10.01 15
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

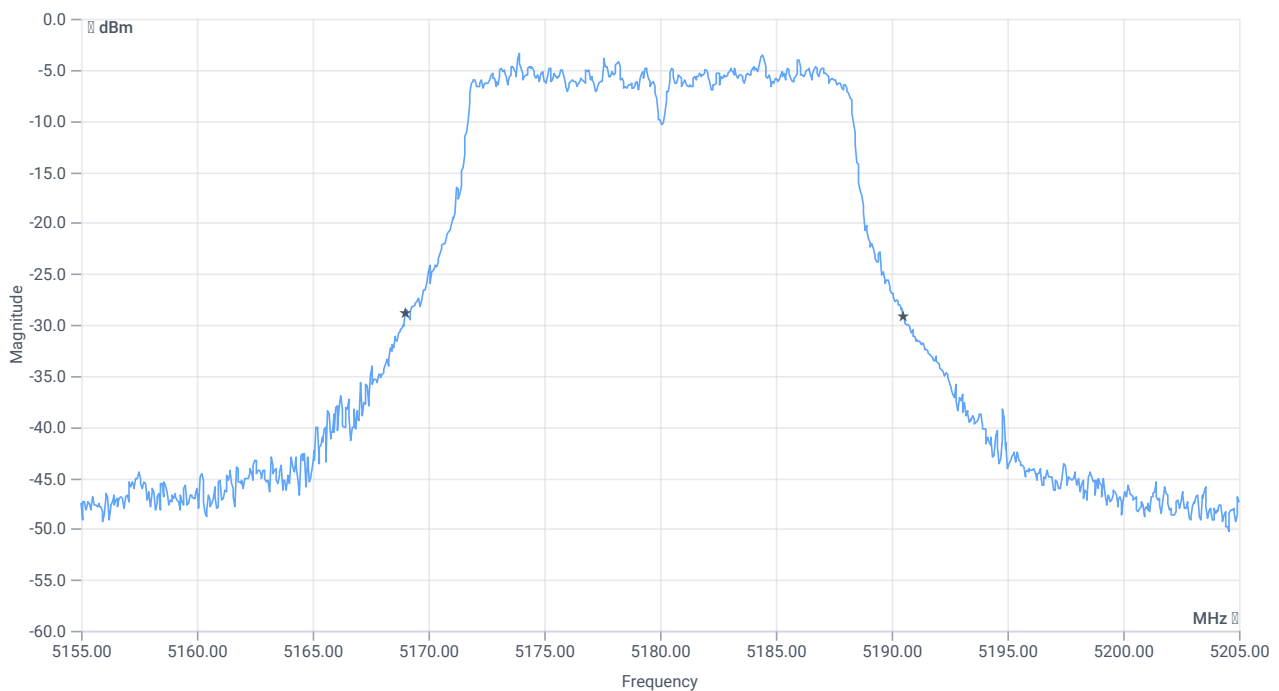




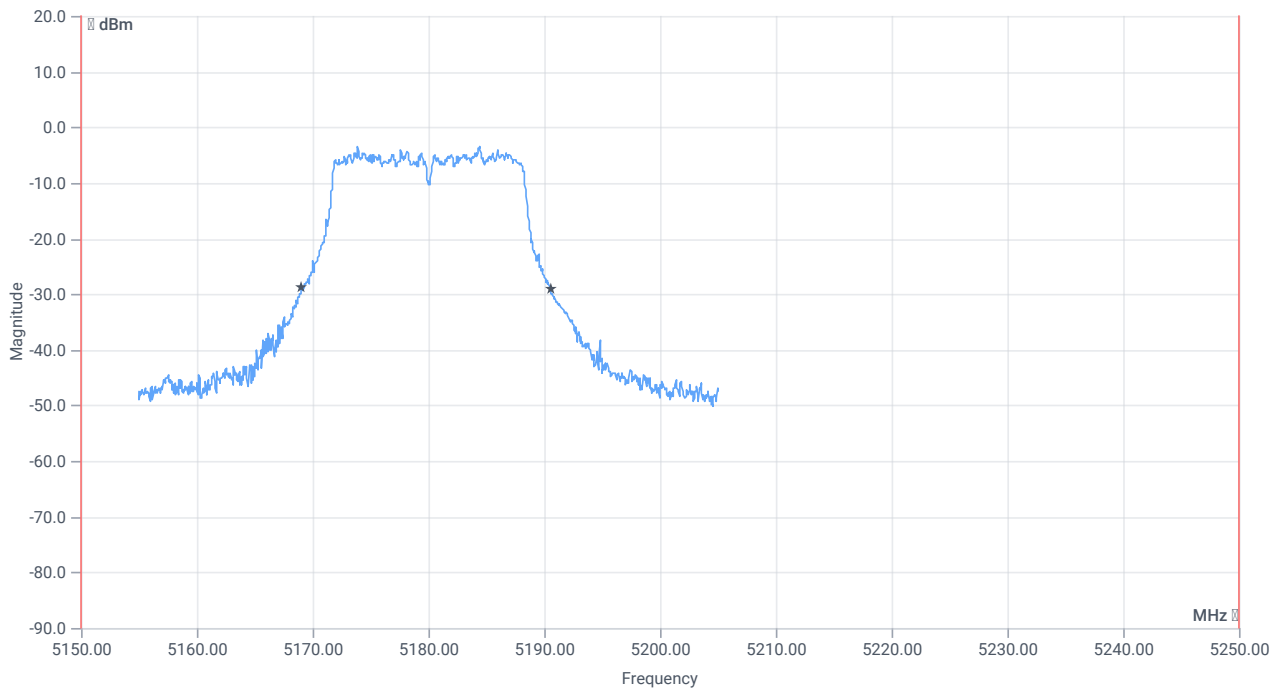
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5171.6084	MHz	PASS
T2 99%	---	5250.000000	5188.3916	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.5	MHz	INFO
T1 26dB	5150.000000	---	5169.0000	MHz	PASS
T2 26dB	---	5250.000000	5190.5000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-1

References

TC start	26.01.2024 16:13:25
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

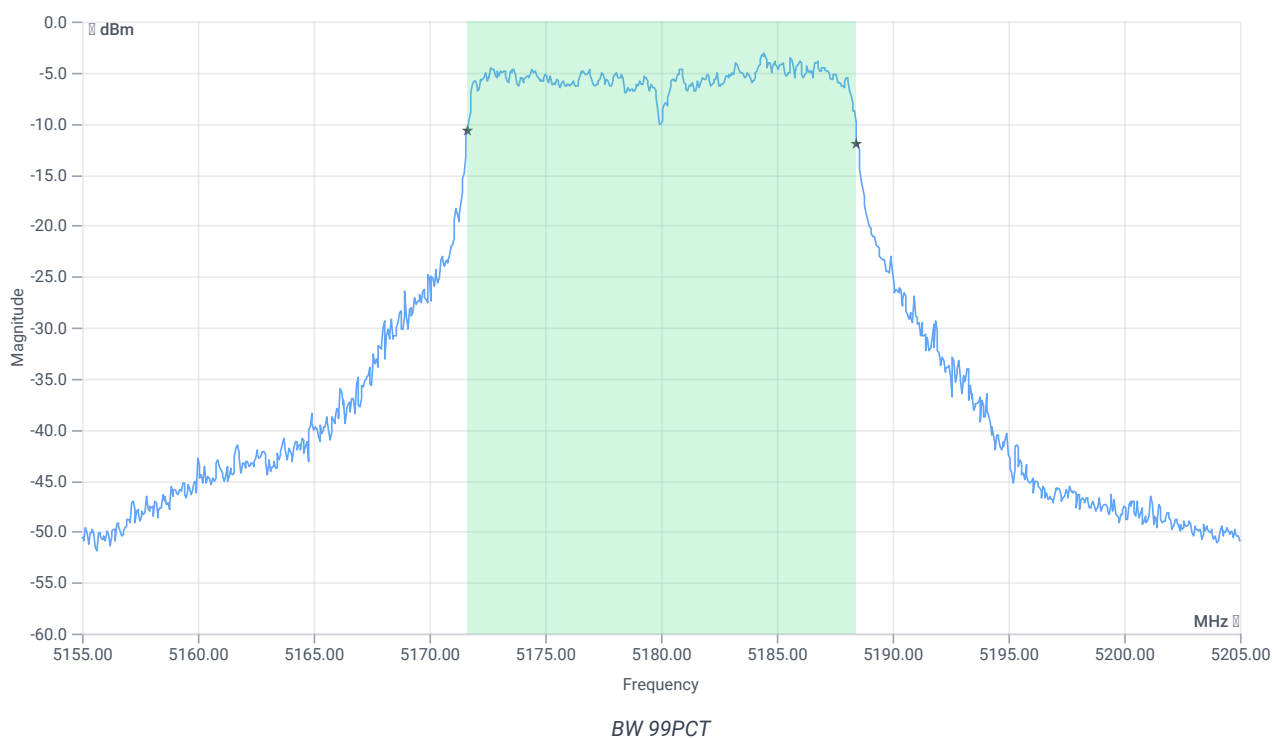
Test at TX 5180 MHz

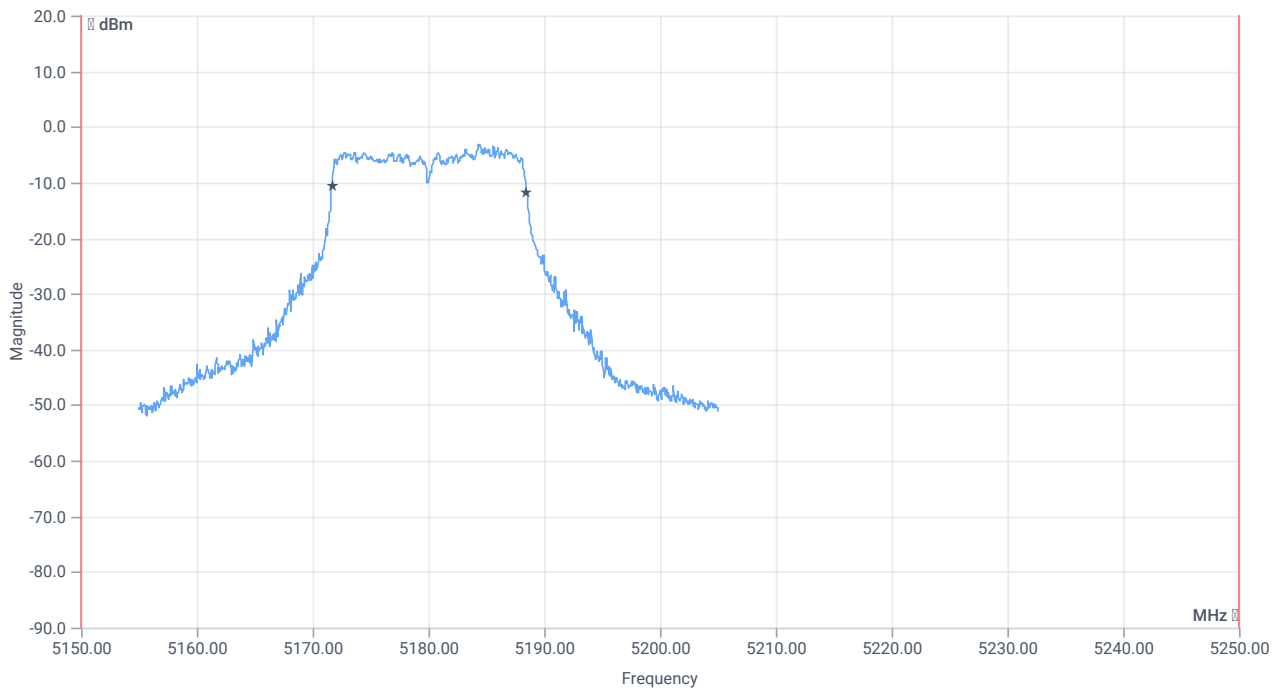
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.30	dBm	INFO
Ref. frequency	---	---	5174.210	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.30 9.99 15
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

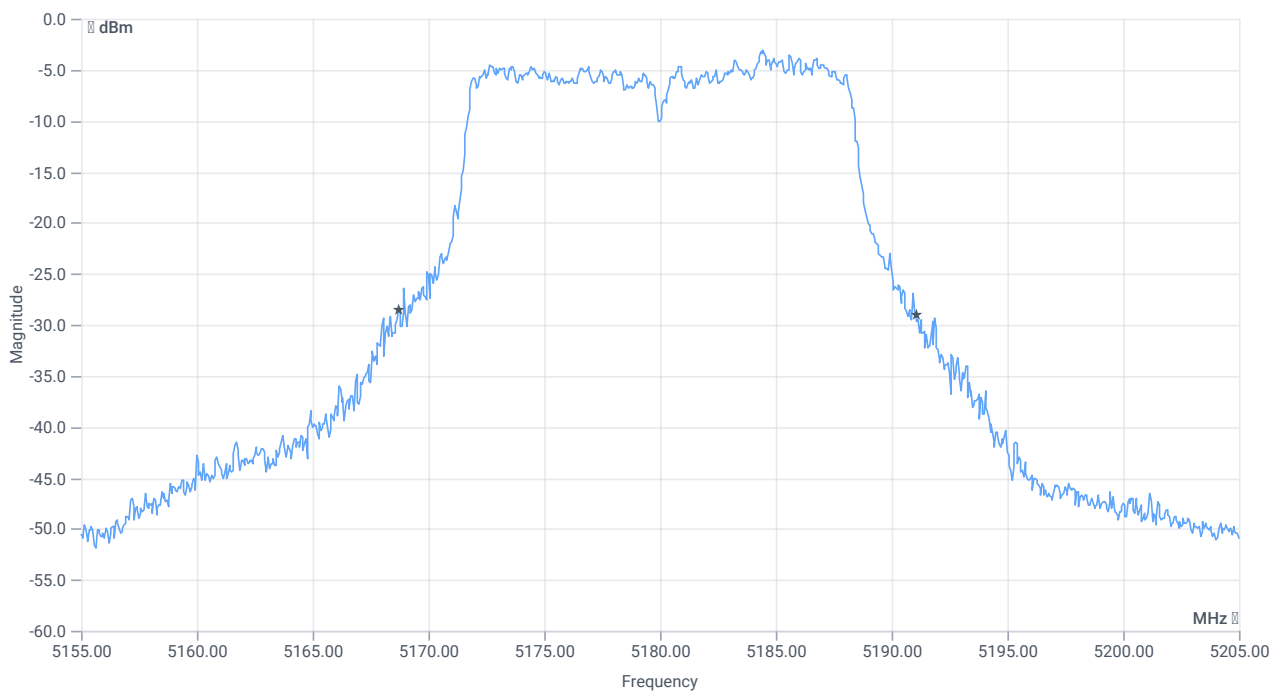




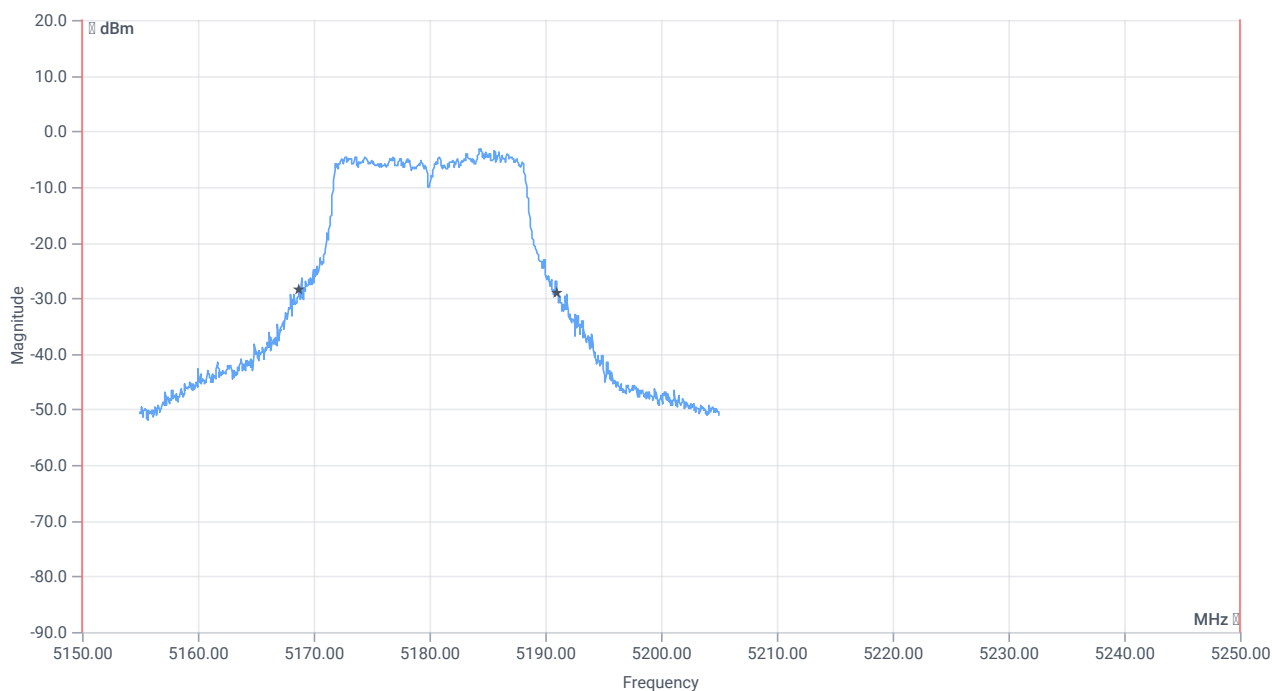
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5171.6583	MHz	PASS
T2 99%	---	5250.000000	5188.4416	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.35	MHz	INFO
T1 26dB	5150.000000	---	5168.7000	MHz	PASS
T2 26dB	---	5250.000000	5191.0500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:49:45
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

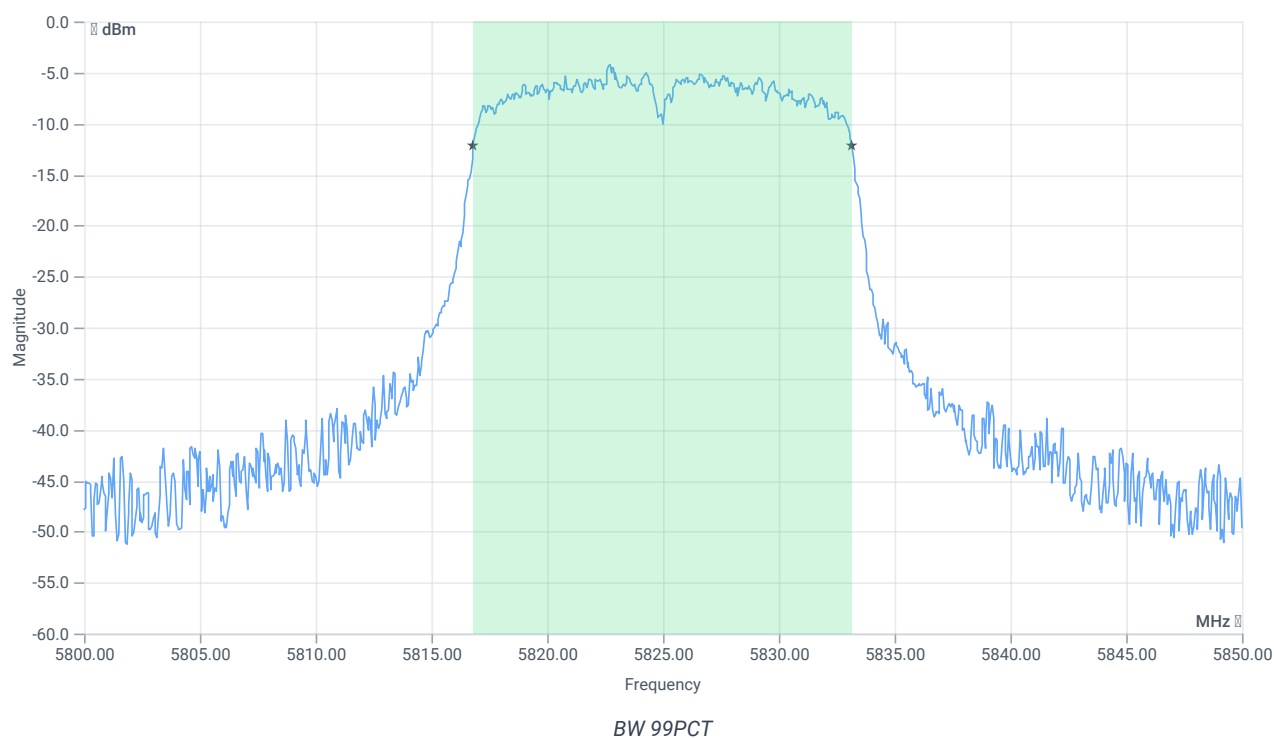
Test at TX 5825 MHz

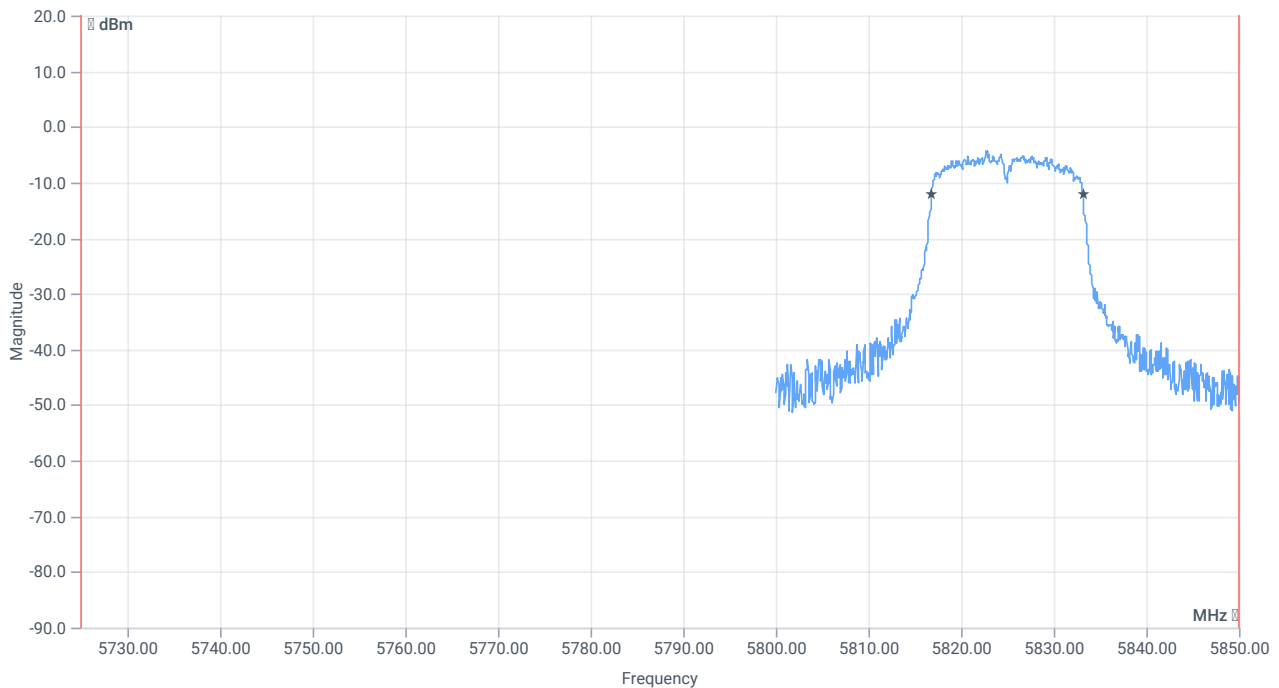
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.27	dBm	INFO
Ref. frequency	---	---	5827.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.27 10.44 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

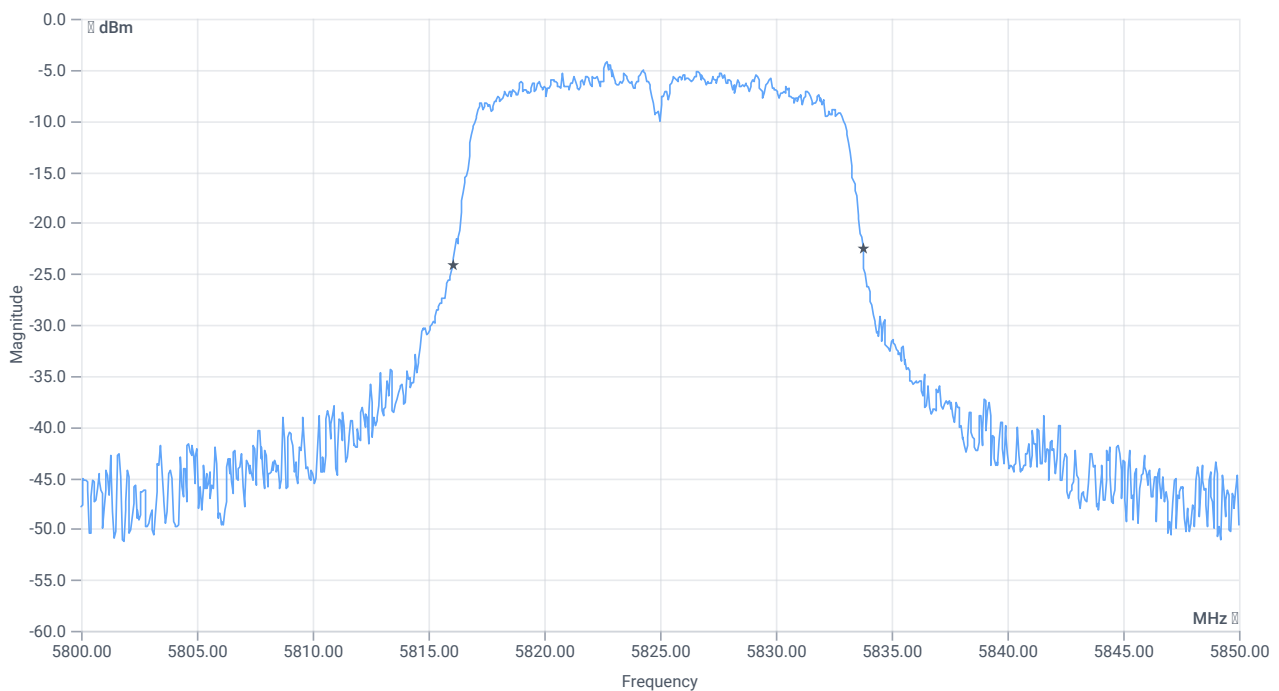




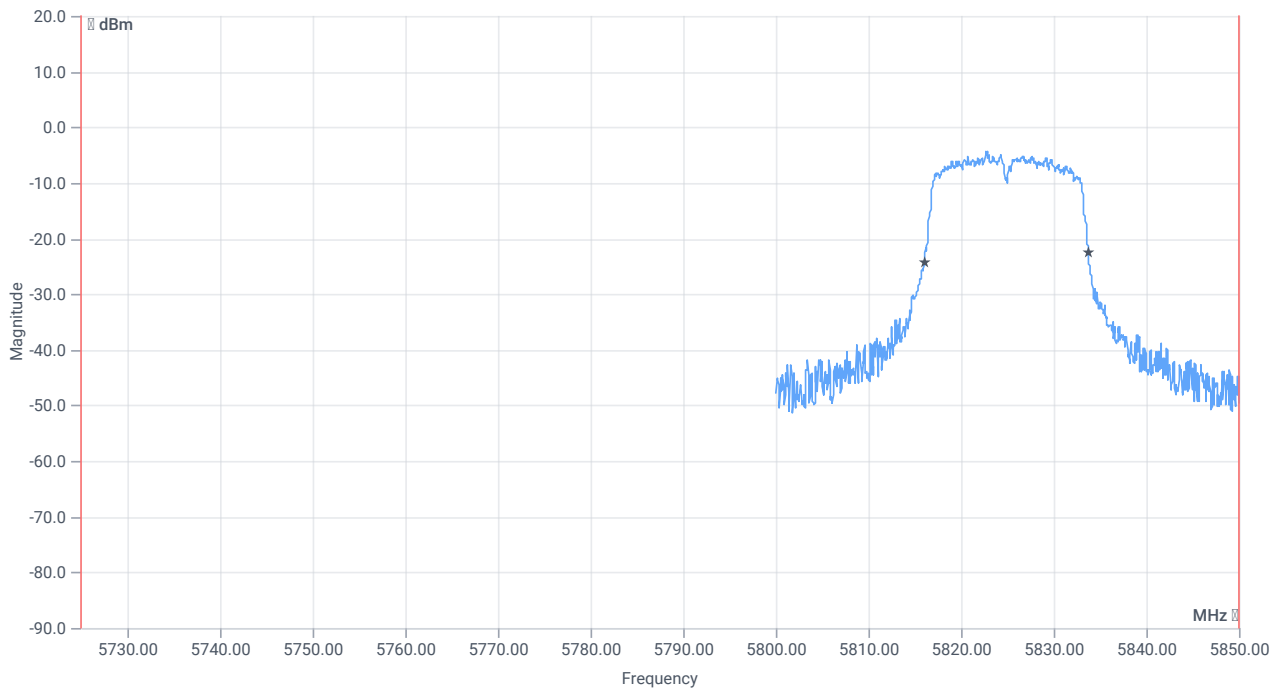
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5725.000000	---	5816.8082	MHz	PASS
T2 99%	---	5850.000000	5833.1419	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.7	MHz	INFO
T1 20dB	5725.000000	---	5816.0500	MHz	PASS
T2 20dB	---	5850.000000	5833.7500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:42:29
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

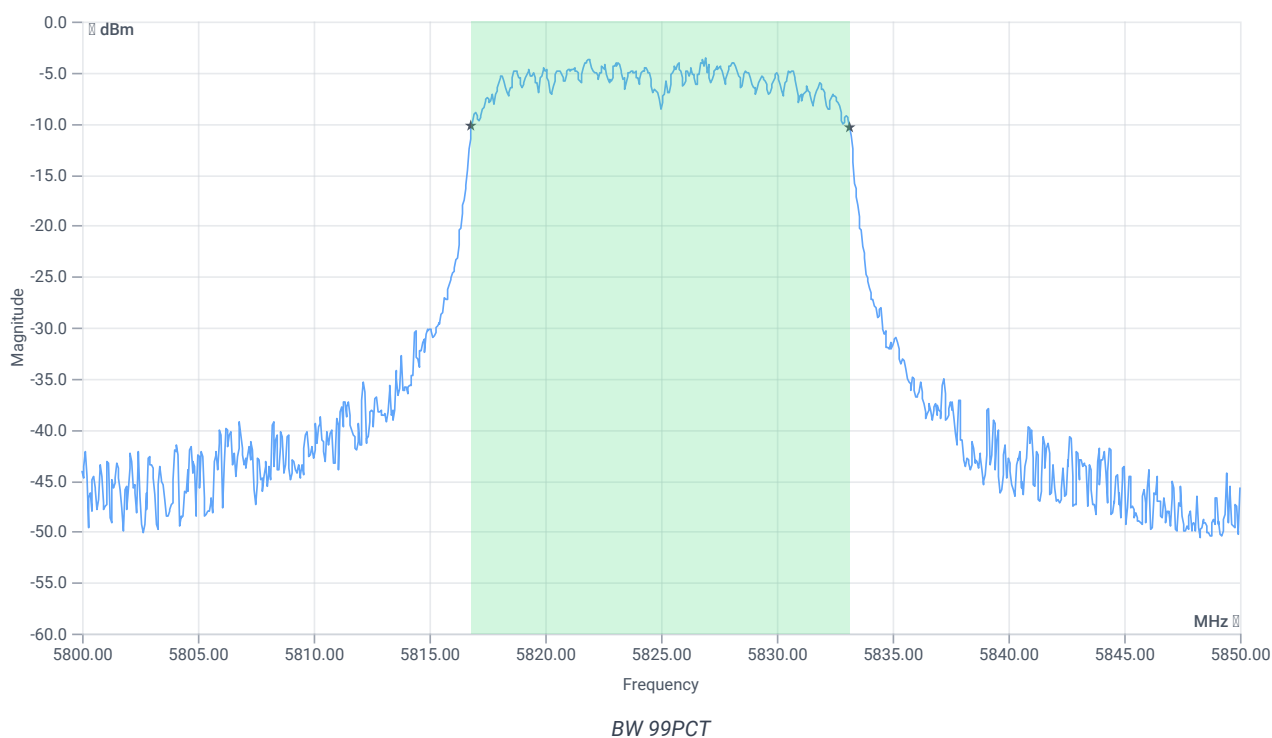
Test at TX 5825 MHz

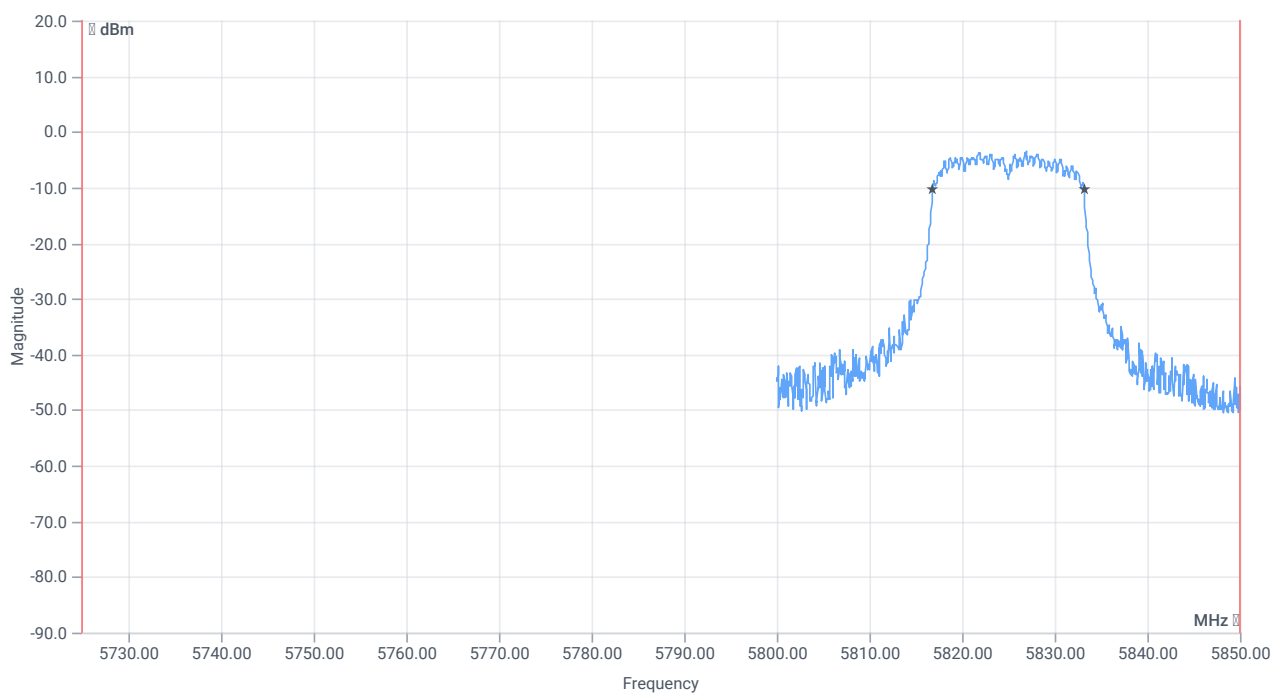
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.35	dBm	INFO
Ref. frequency	---	---	5826.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.35 10.45 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

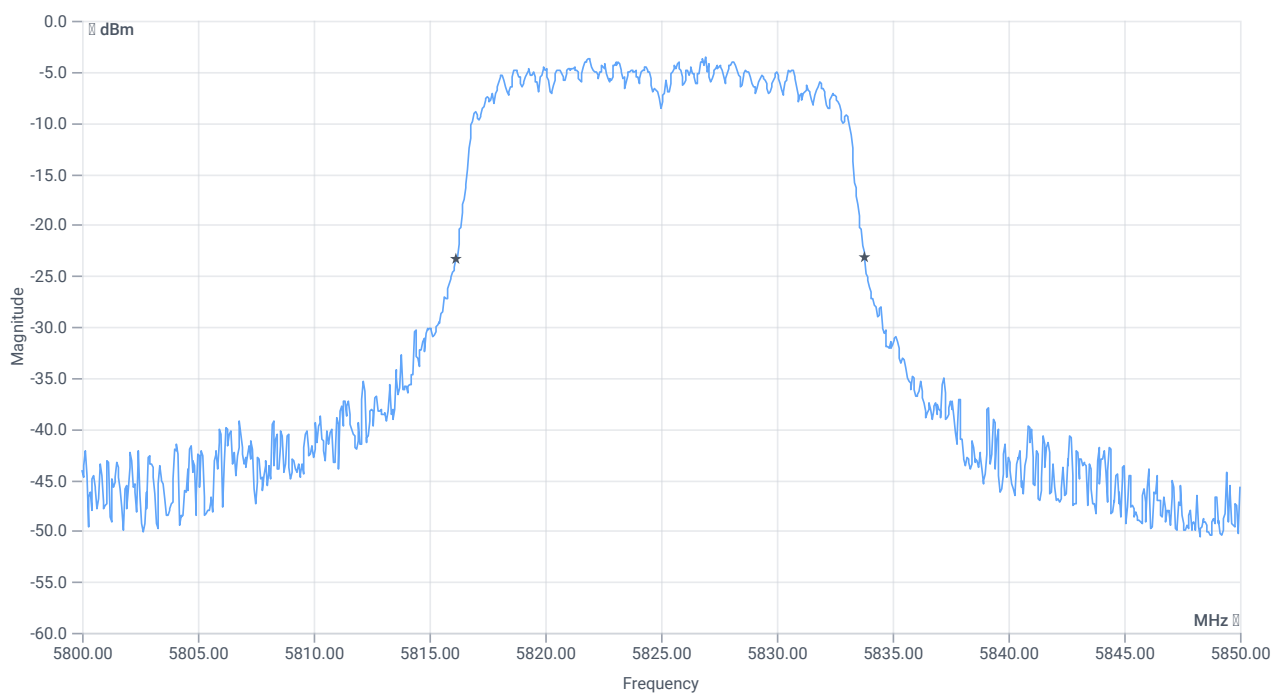




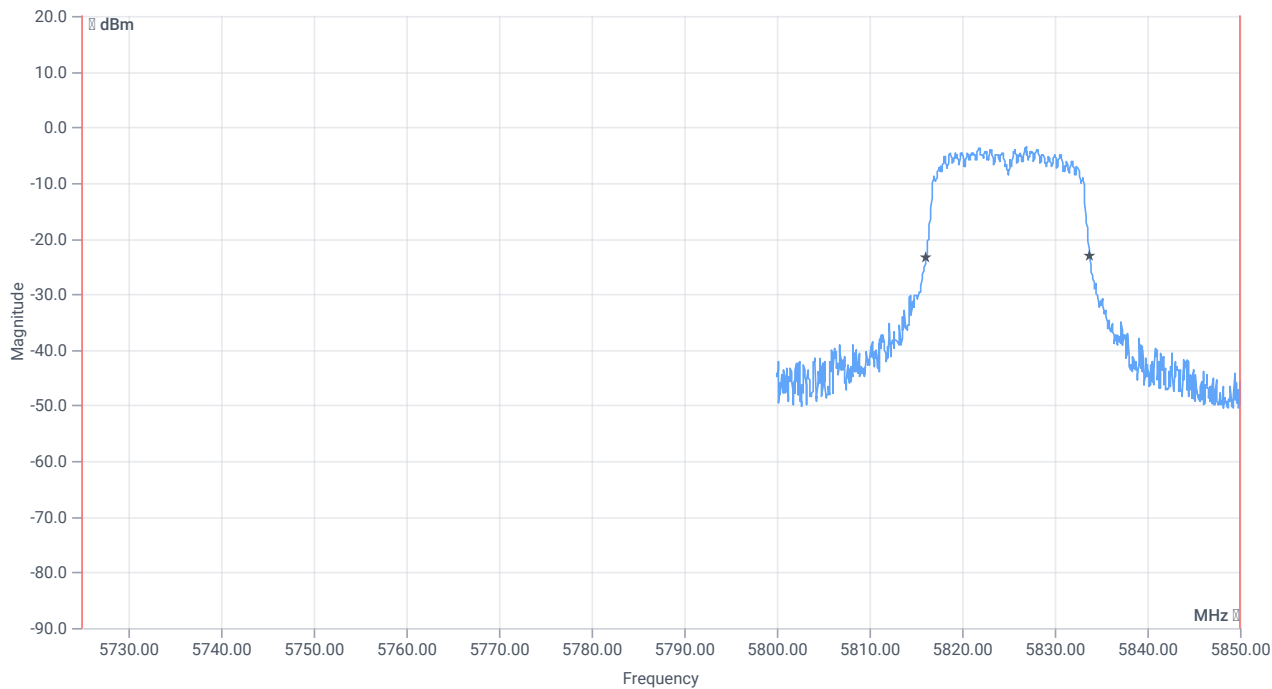
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5725.000000	---	5816.8082	MHz	PASS
T2 99%	---	5850.000000	5833.1419	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.65	MHz	INFO
T1 20dB	5725.000000	---	5816.1500	MHz	PASS
T2 20dB	---	5850.000000	5833.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:33:55
Ambit temp [°C] humidity [rel%]	26.7 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

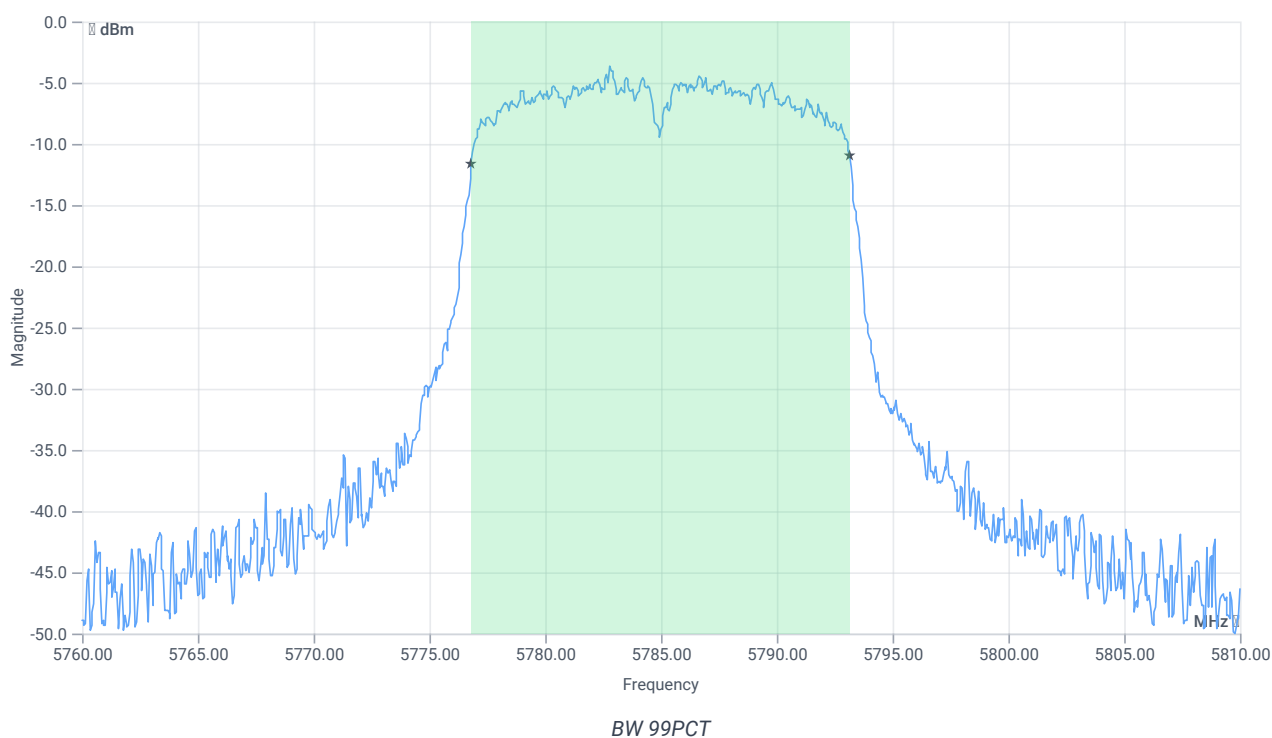
Test at TX 5785 MHz

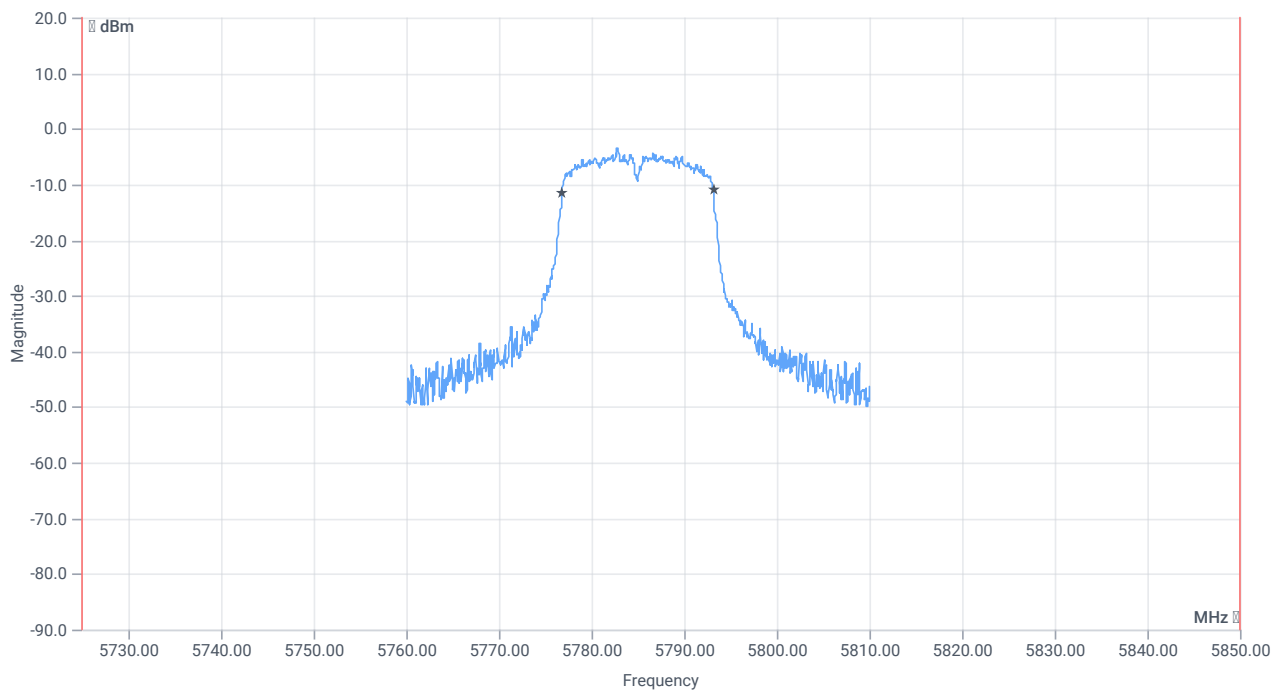
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.23	dBm	INFO
Ref. frequency	---	---	5780.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.23 10.41 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

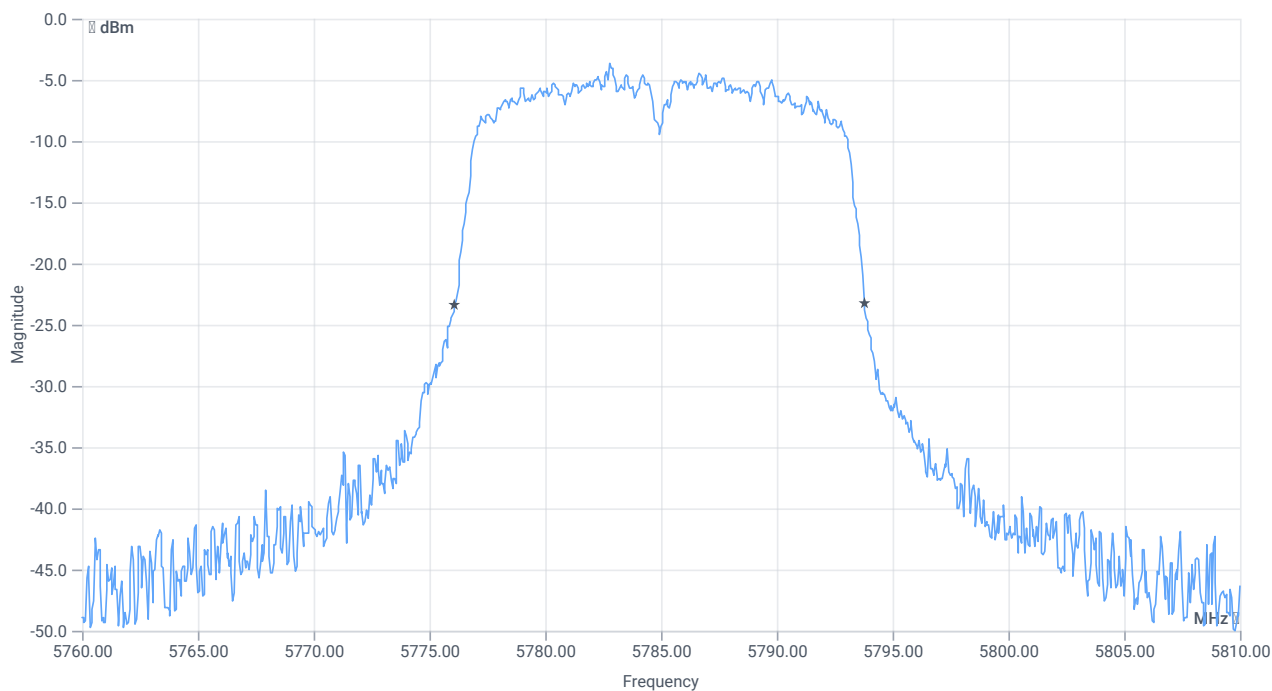




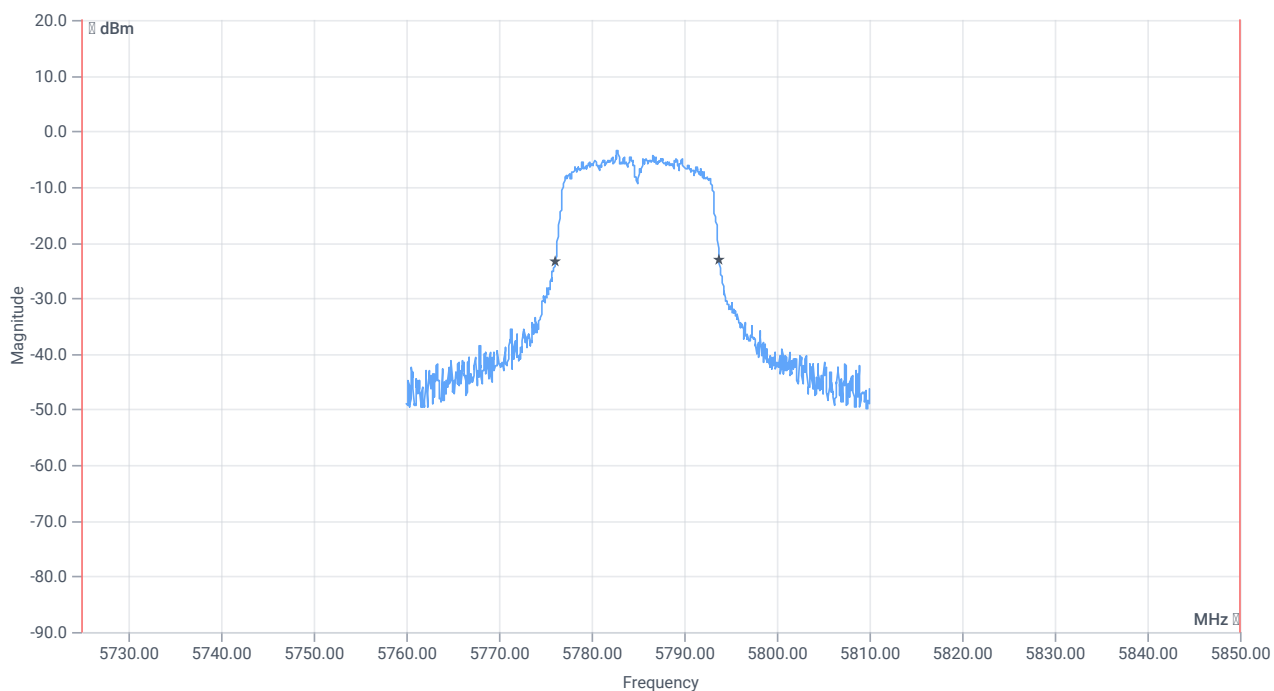
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5725.000000	---	5776.8082	MHz	PASS
T2 99%	---	5850.000000	5793.1419	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.65	MHz	INFO
T1 20dB	5725.000000	---	5776.1000	MHz	PASS
T2 20dB	---	5850.000000	5793.7500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:26:33
Ambit temp [°C] humidity [rel%]	26.7 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

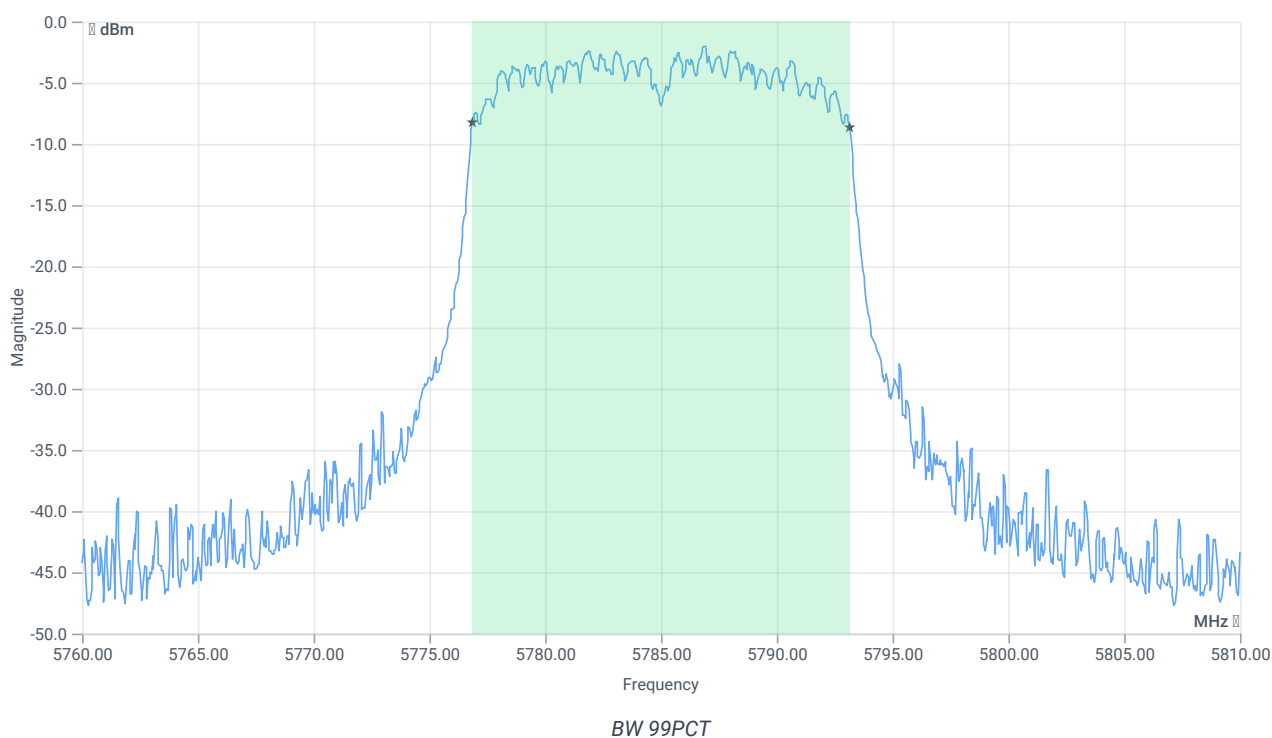
Test at TX 5785 MHz

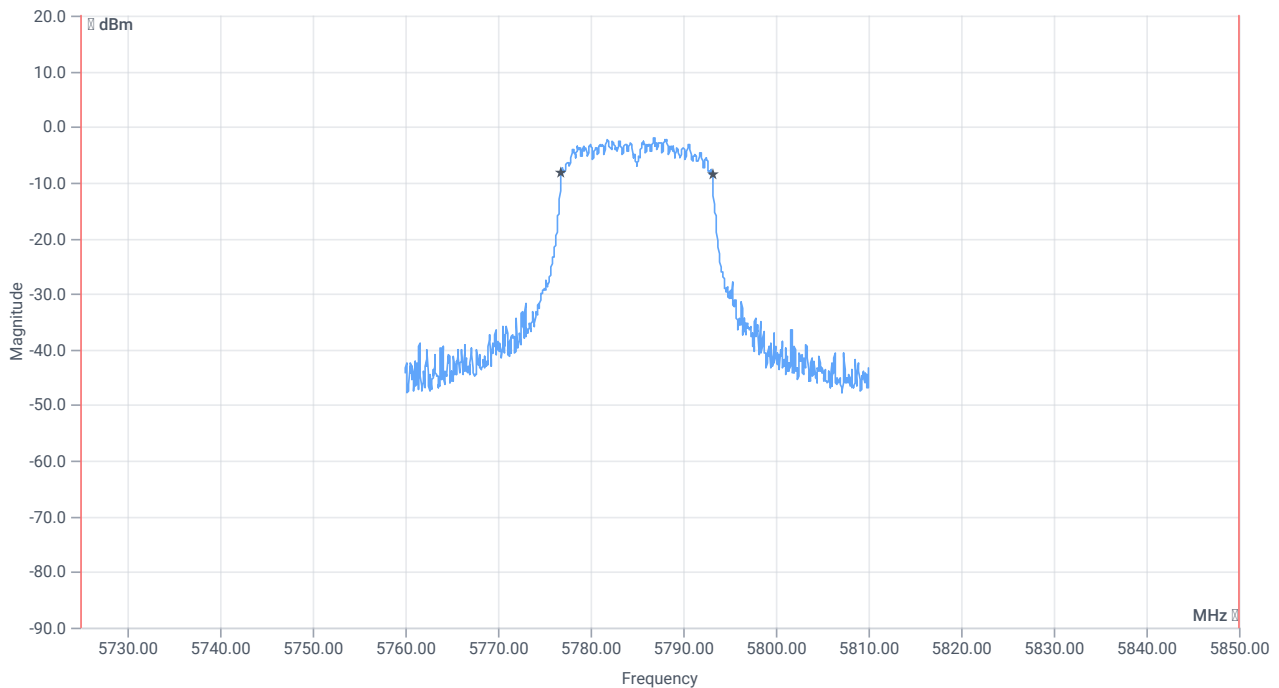
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.60	dBm	INFO
Ref. frequency	---	---	5783.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.60 10.38 20
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

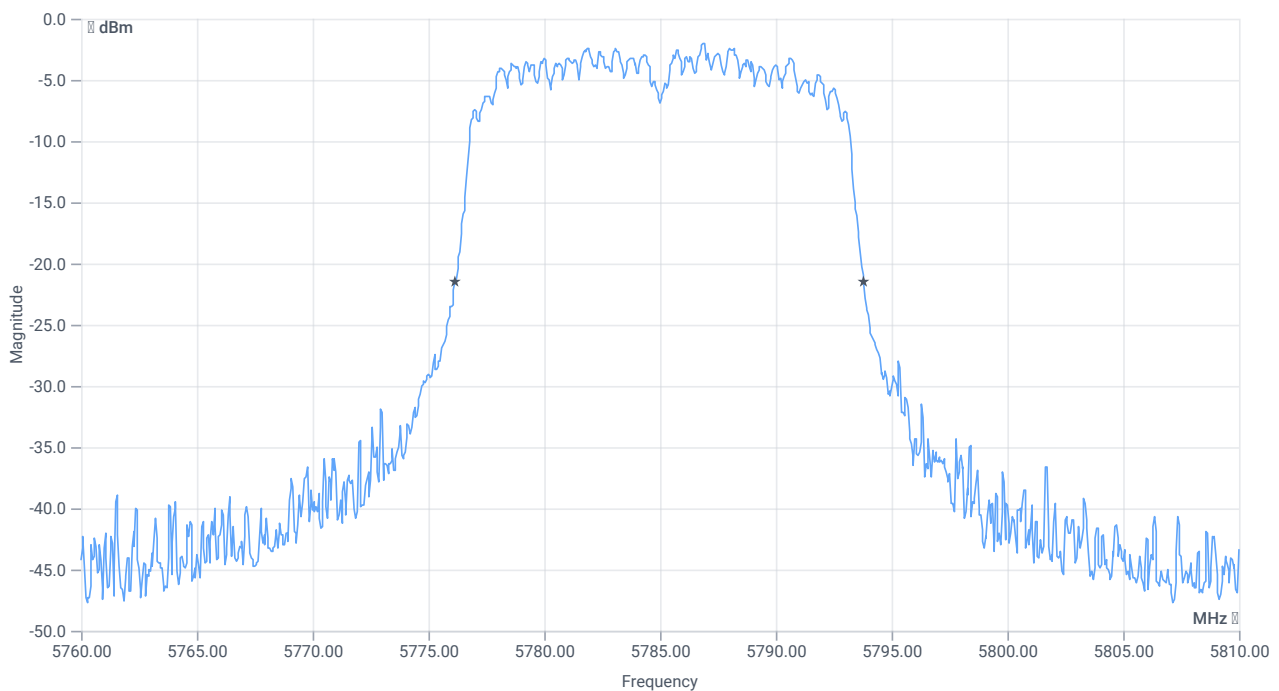




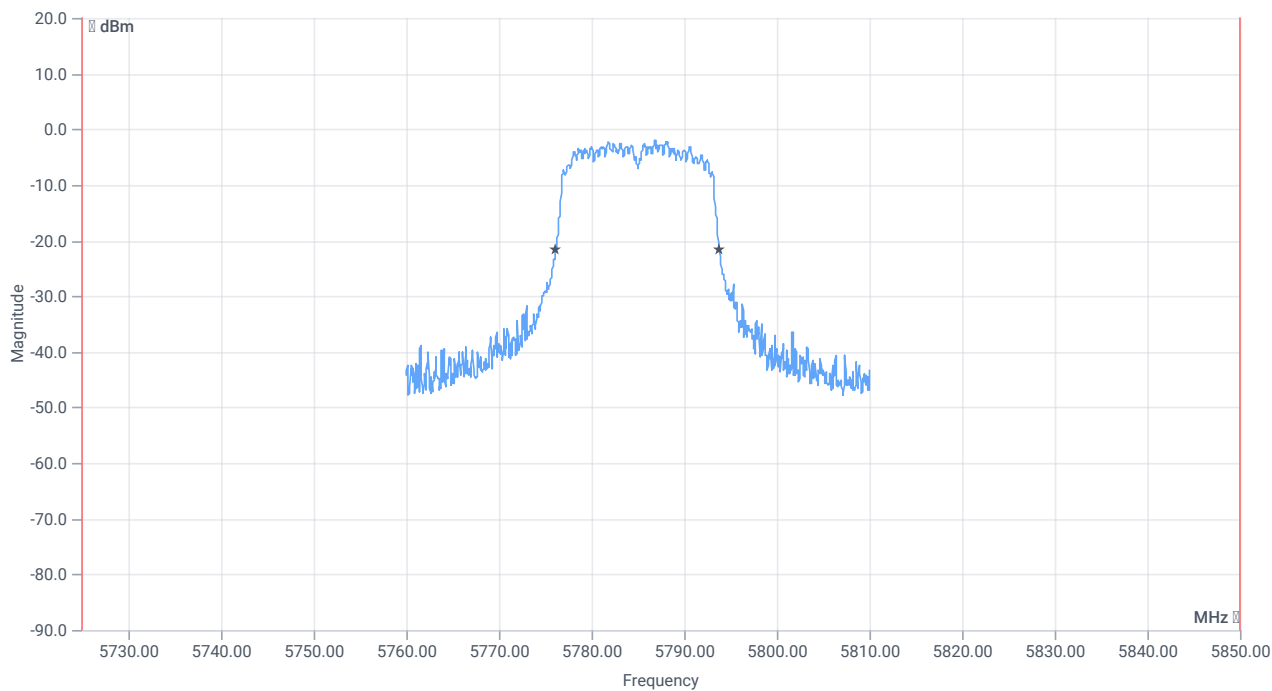
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5725.000000	---	5776.8581	MHz	PASS
T2 99%	---	5850.000000	5793.1419	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.65	MHz	INFO
T1 20dB	5725.000000	---	5776.1500	MHz	PASS
T2 20dB	---	5850.000000	5793.8000	MHz	PASS

Verdict
PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:18:10
Ambit temp [°C] humidity [rel%]	26.5 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

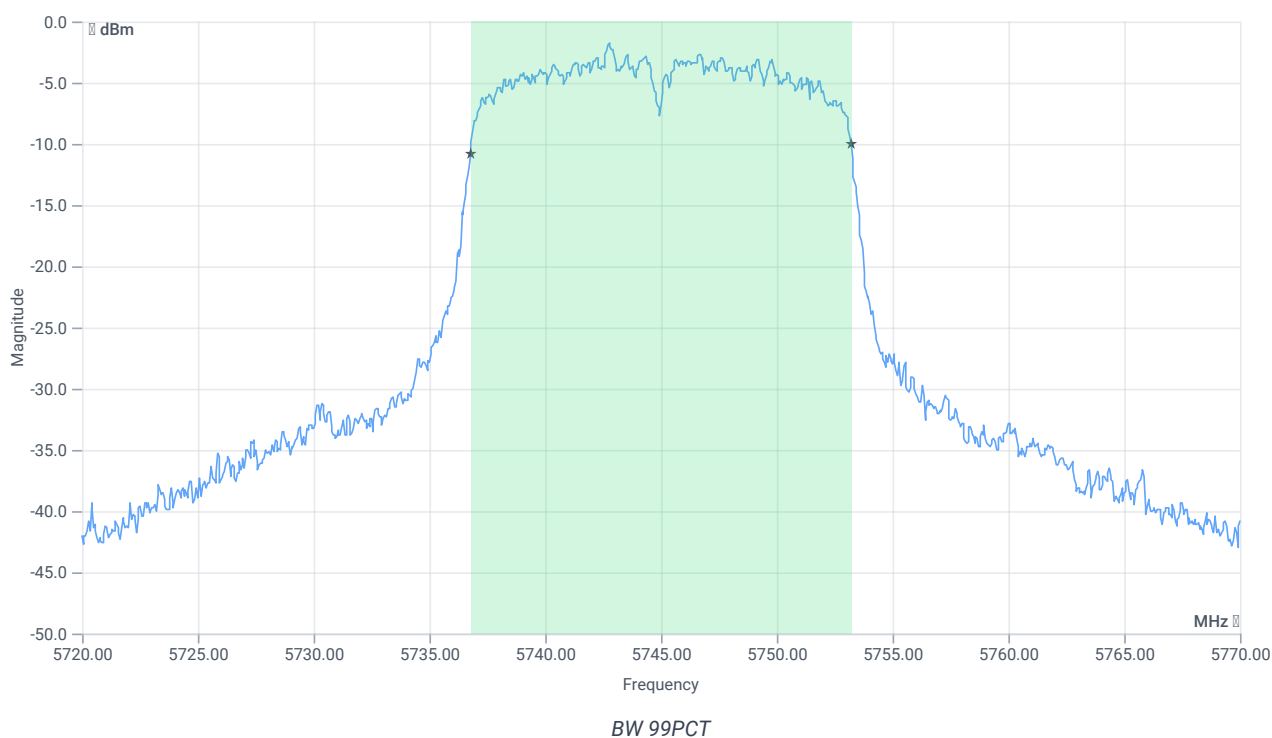
Test at TX 5745 MHz

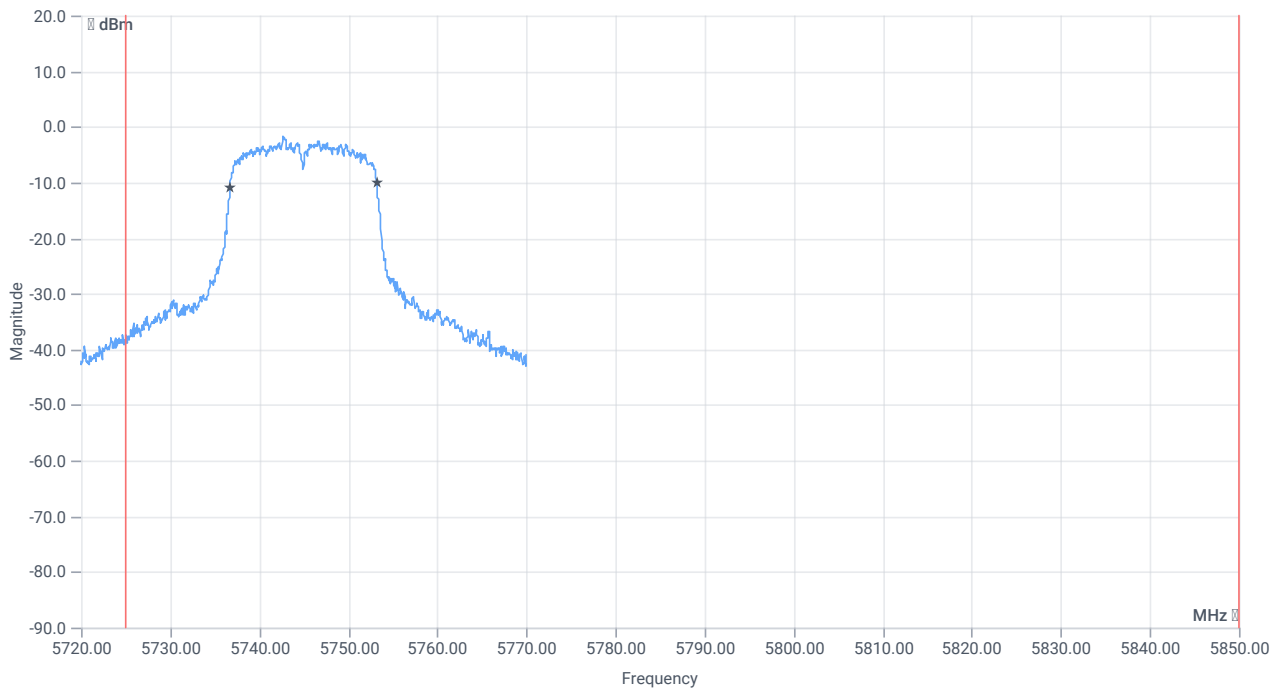
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.41	dBm	INFO
Ref. frequency	---	---	5742.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.41 10.38 20
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

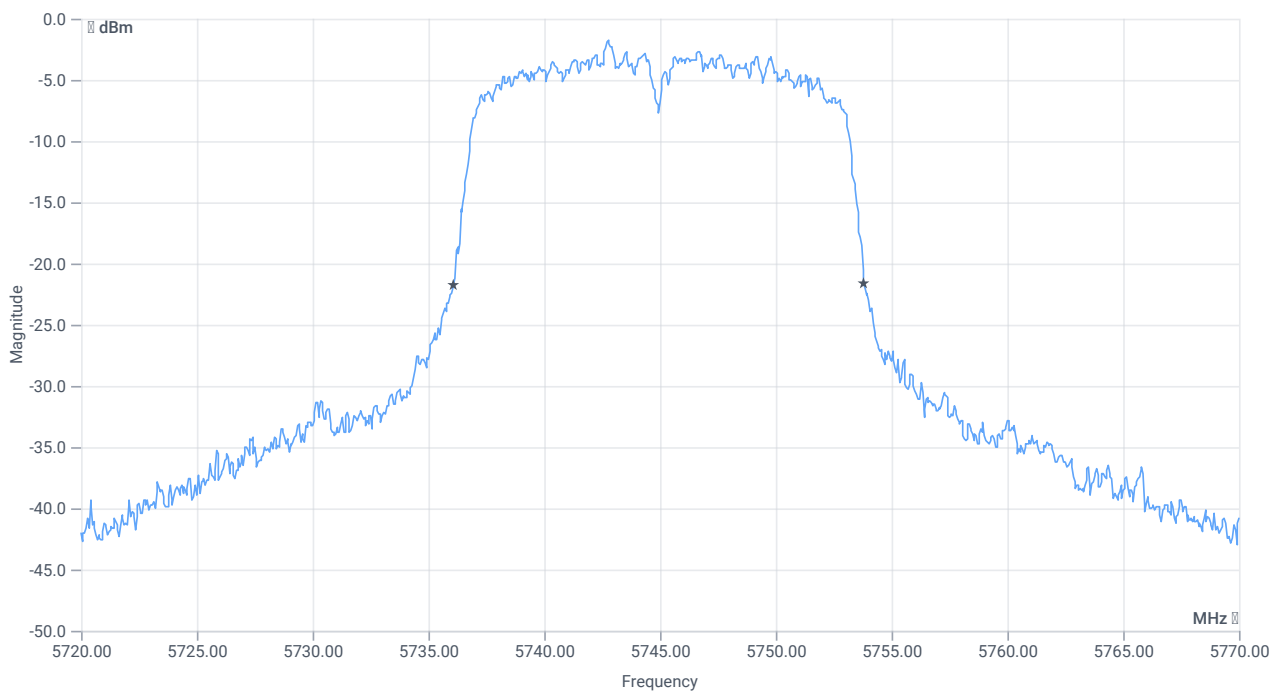




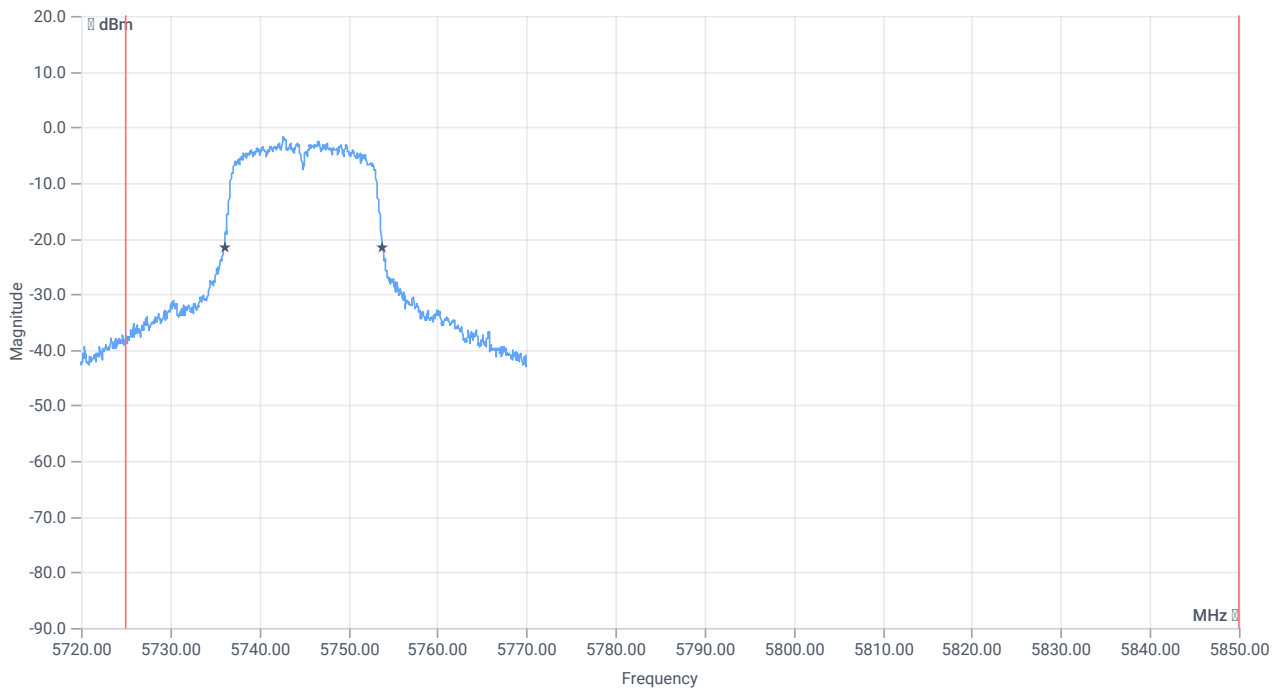
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.434	MHz	INFO
T1 99%	5725.000000	---	5736.7582	MHz	PASS
T2 99%	---	5850.000000	5753.1918	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.7	MHz	INFO
T1 20dB	5725.000000	---	5736.1000	MHz	PASS
T2 20dB	---	5850.000000	5753.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:10:53
Ambit temp [°C] humidity [rel%]	26.6 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

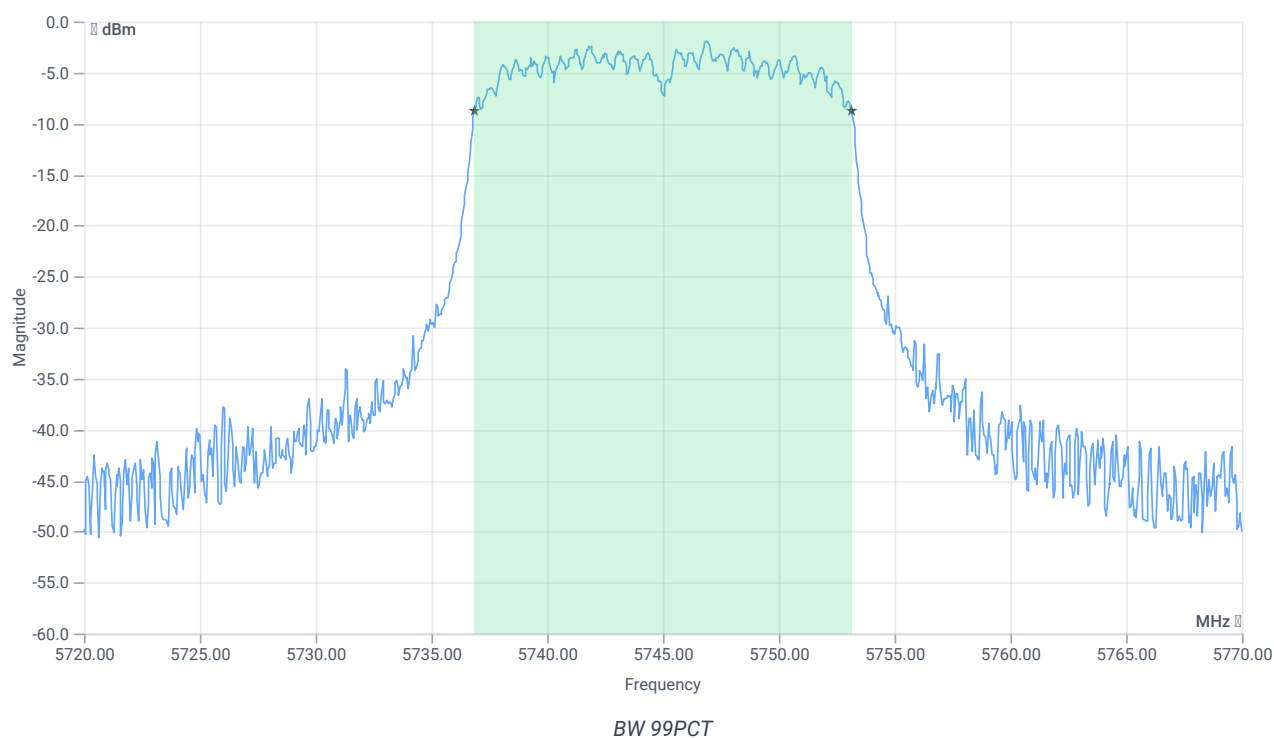
Test at TX 5745 MHz

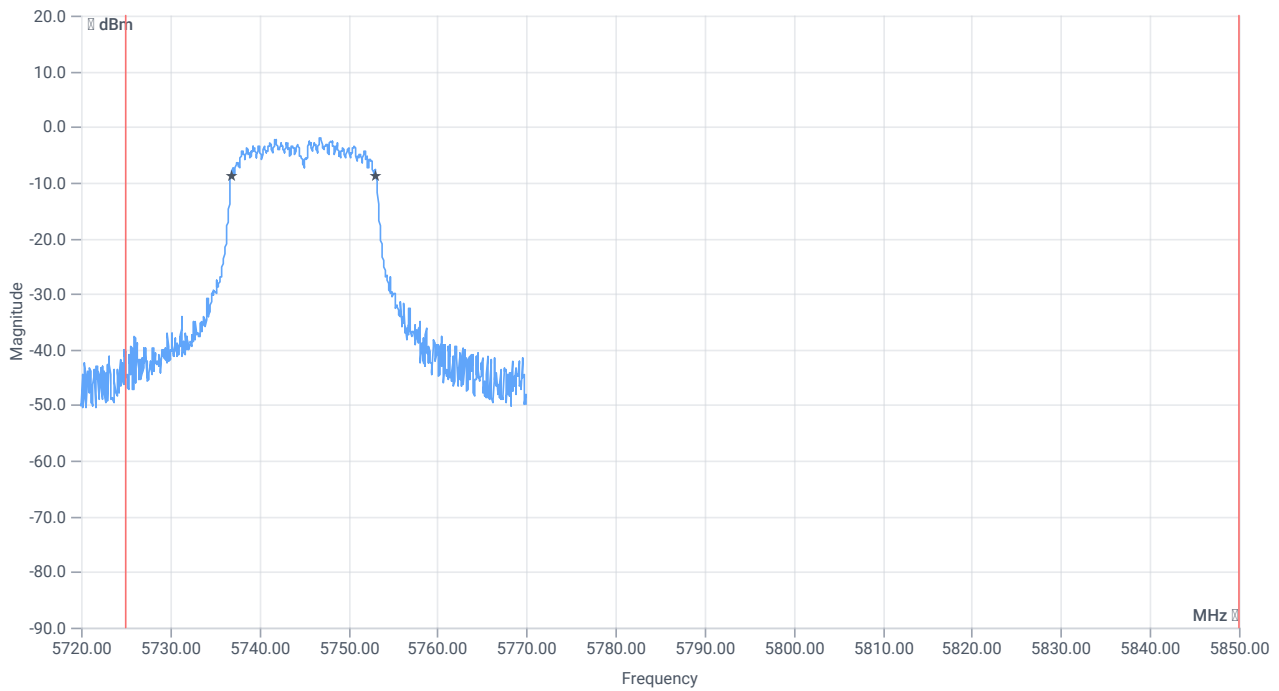
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.15	dBm	INFO
Ref. frequency	---	---	5750.390	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.15 10.36 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

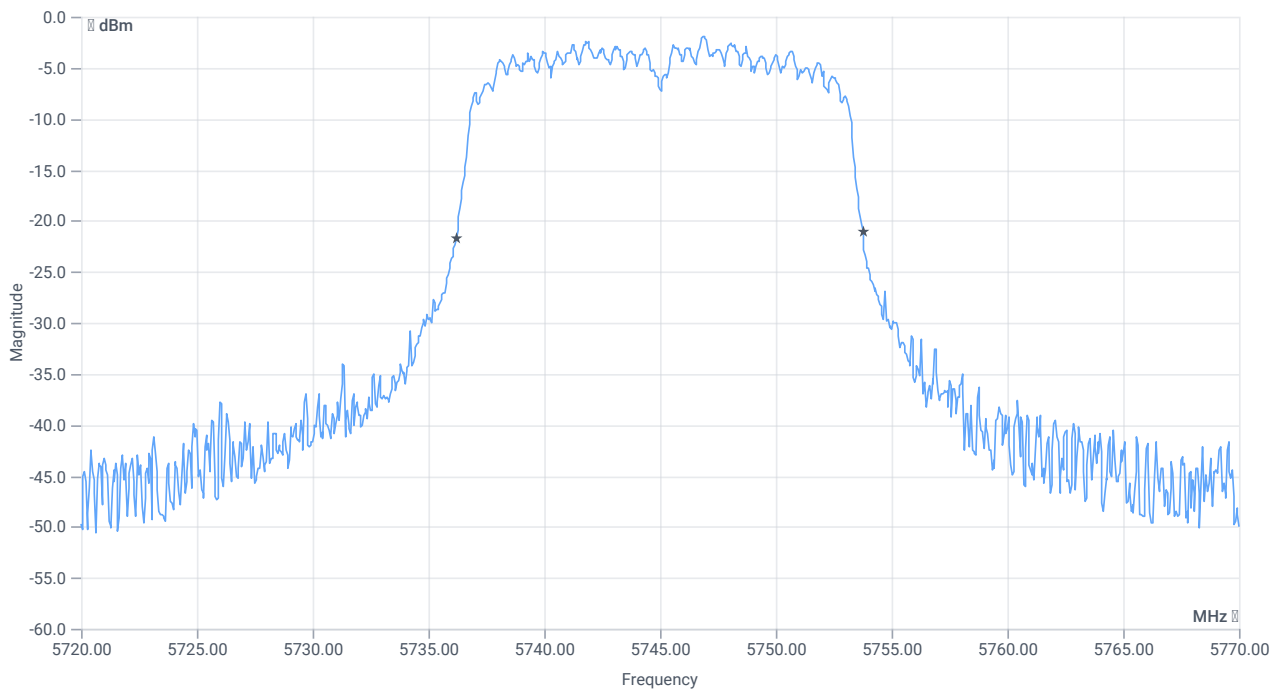




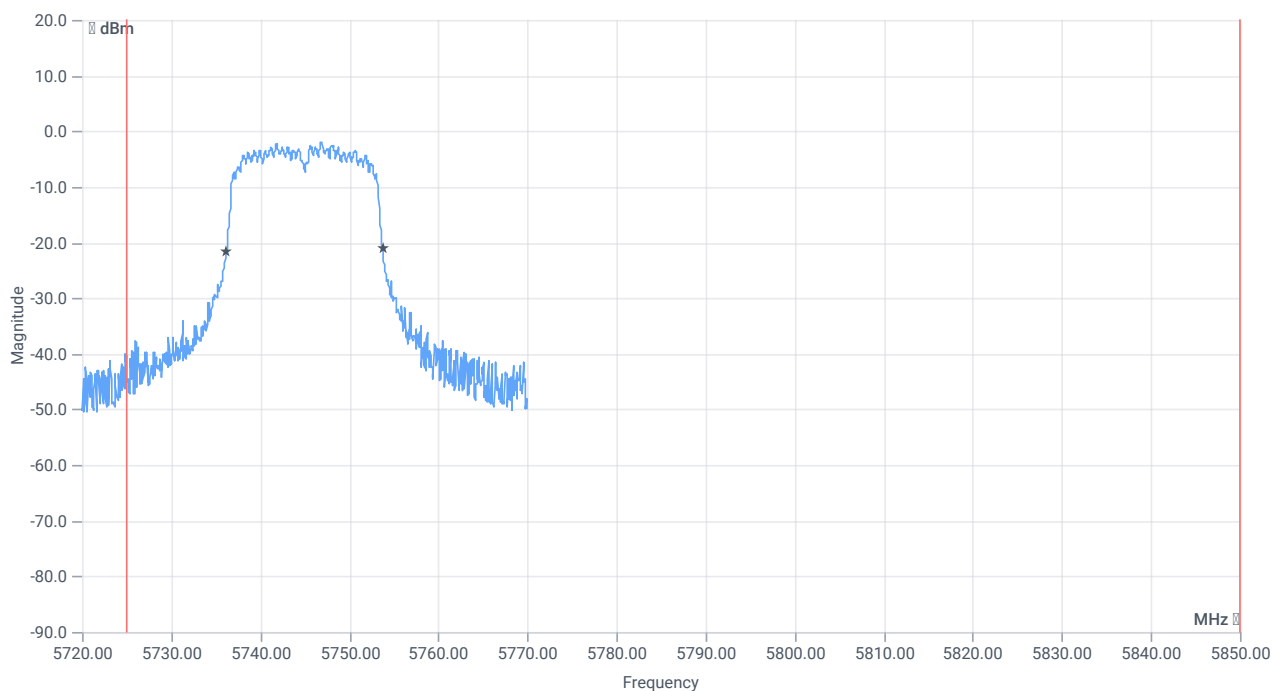
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5725.000000	---	5736.8581	MHz	PASS
T2 99%	---	5850.000000	5753.1419	MHz	PASS



BW 20dB



BW within band 20dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 20dB	---	---	17.55	MHz	INFO
T1 20dB	5725.000000	---	5736.2000	MHz	PASS
T2 20dB	---	5850.000000	5753.7500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 15:03:34
Ambit temp [°C] humidity [rel%]	26.5 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

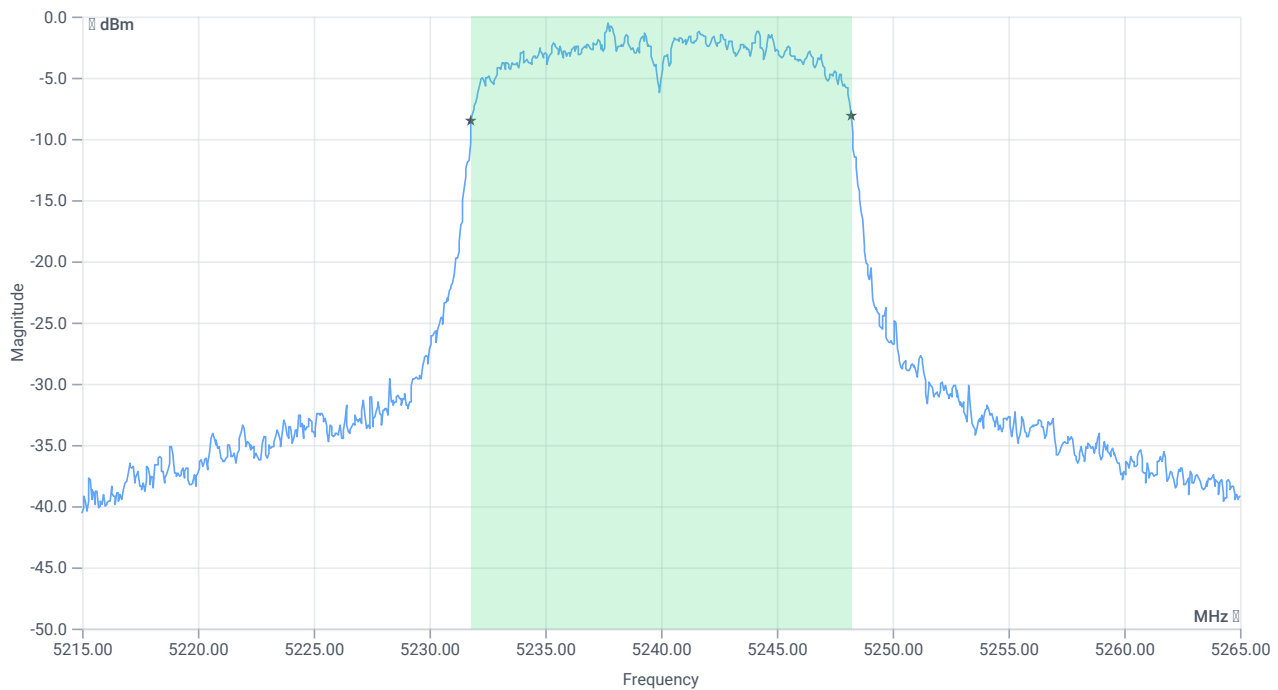
Test at TX 5240 MHz

RESULT: Reference power cond.

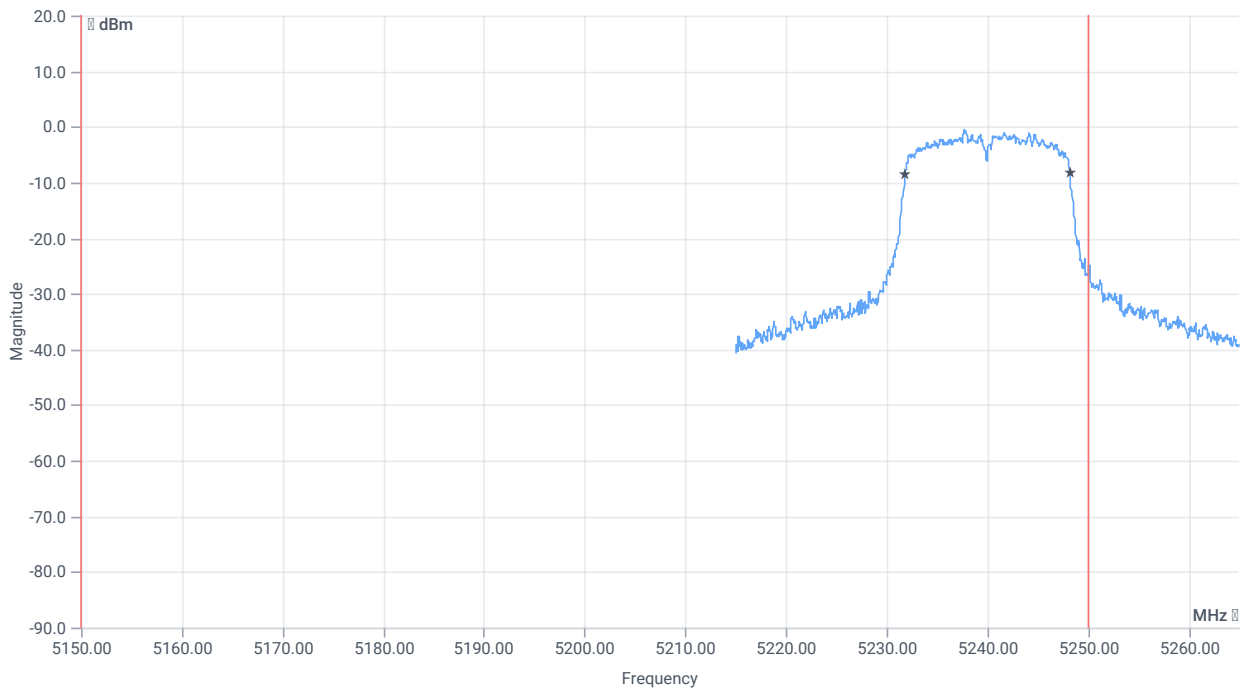
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	4.19	dBm	INFO
Ref. frequency	---	---	5238.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.19 9.93 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



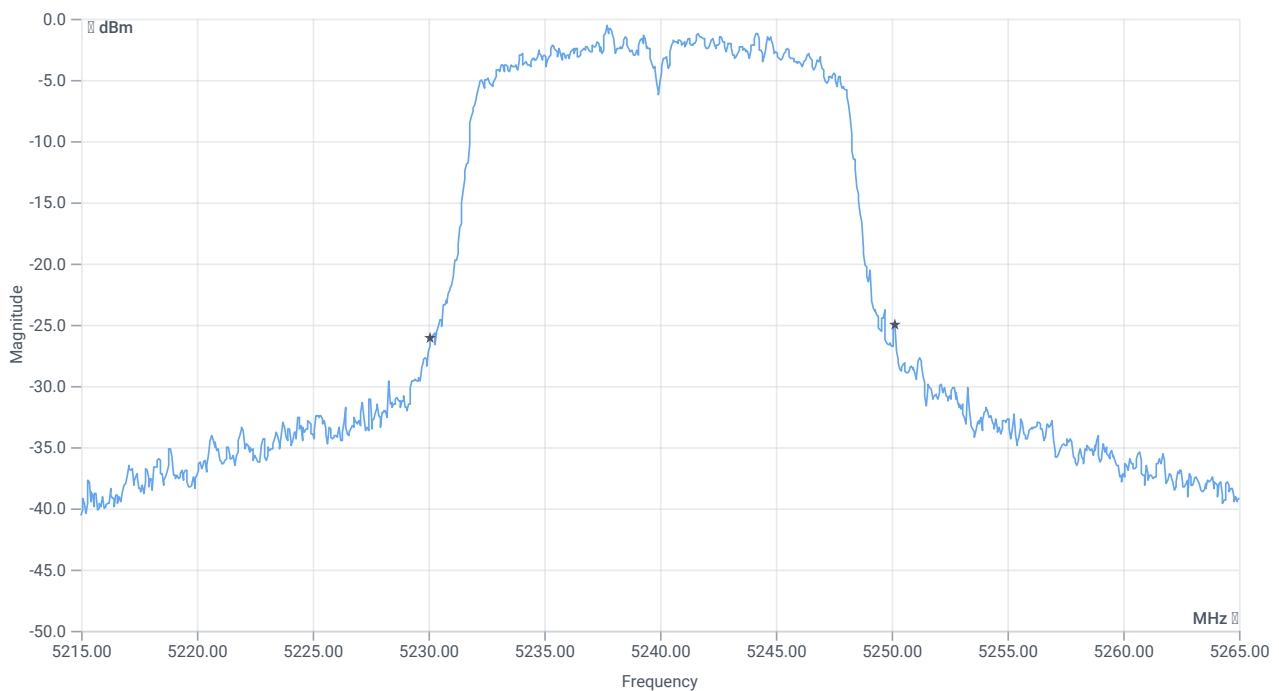
BW 99PCT



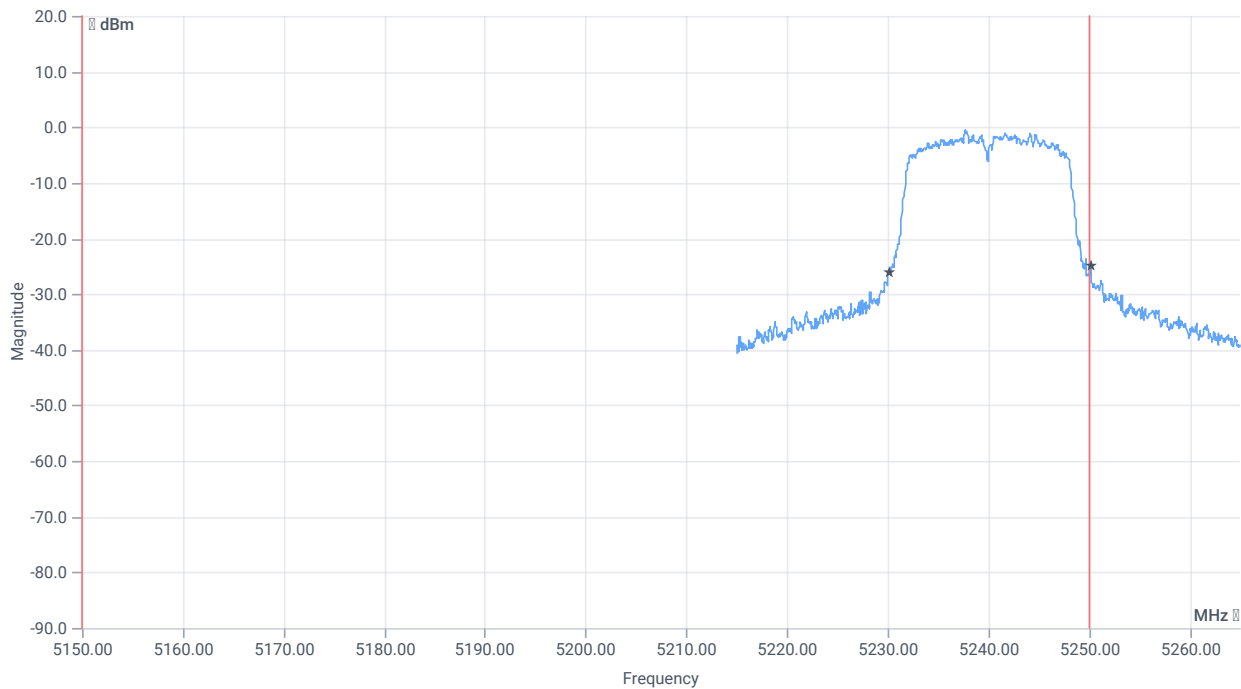
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.384	MHz	INFO
T1 99%	5150.000000	---	5231.8082	MHz	PASS
T2 99%	---	5250.000000	5248.1918	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	20.05	MHz	INFO
T1 26dB	5150.000000	---	5230.1000	MHz	PASS
T2 26dB	---	5250.000000	5250.1500	MHz	DFS required

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 14:59:37
Ambit temp [°C] humidity [rel%]	26.5 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

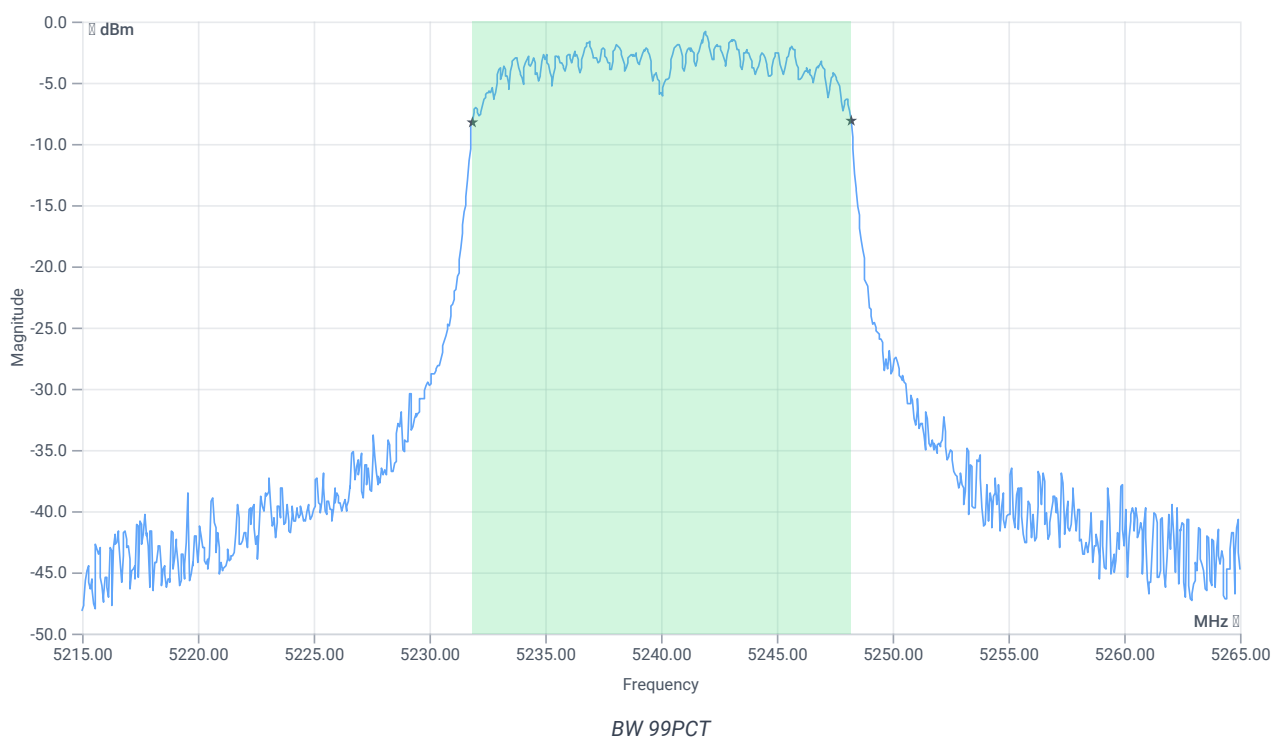
Test at TX 5240 MHz

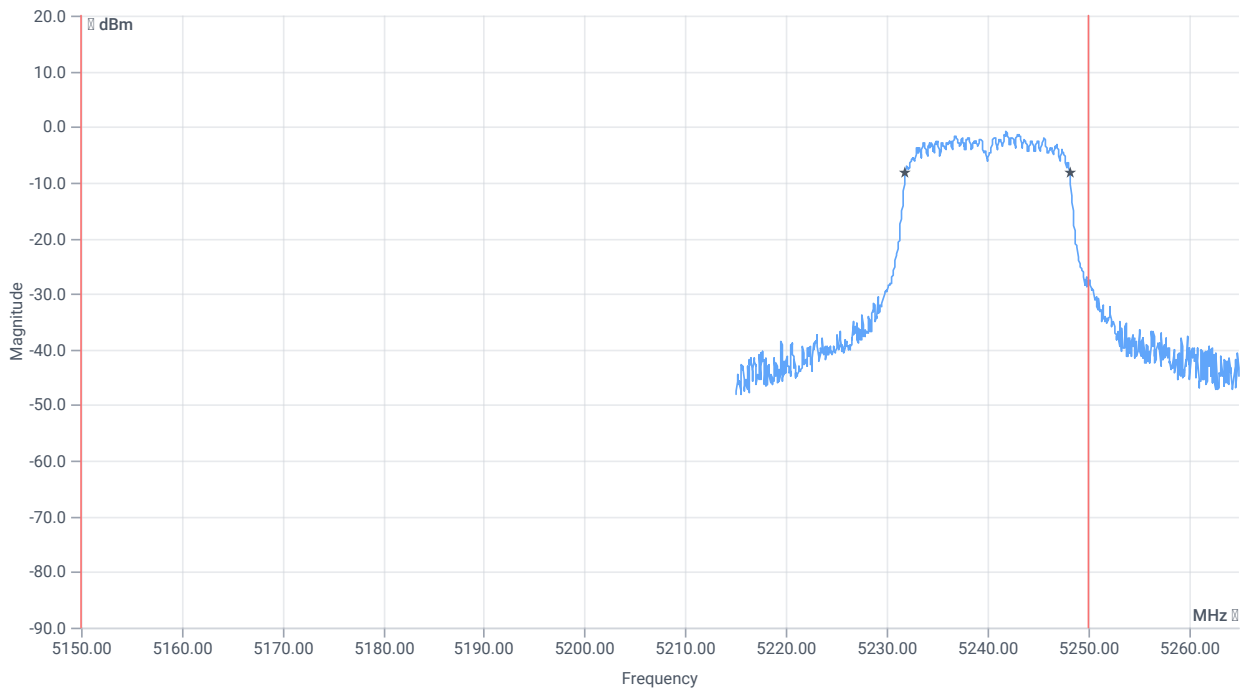
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	3.44	dBm	INFO
Ref. frequency	---	---	5245.590	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.44 9.92 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

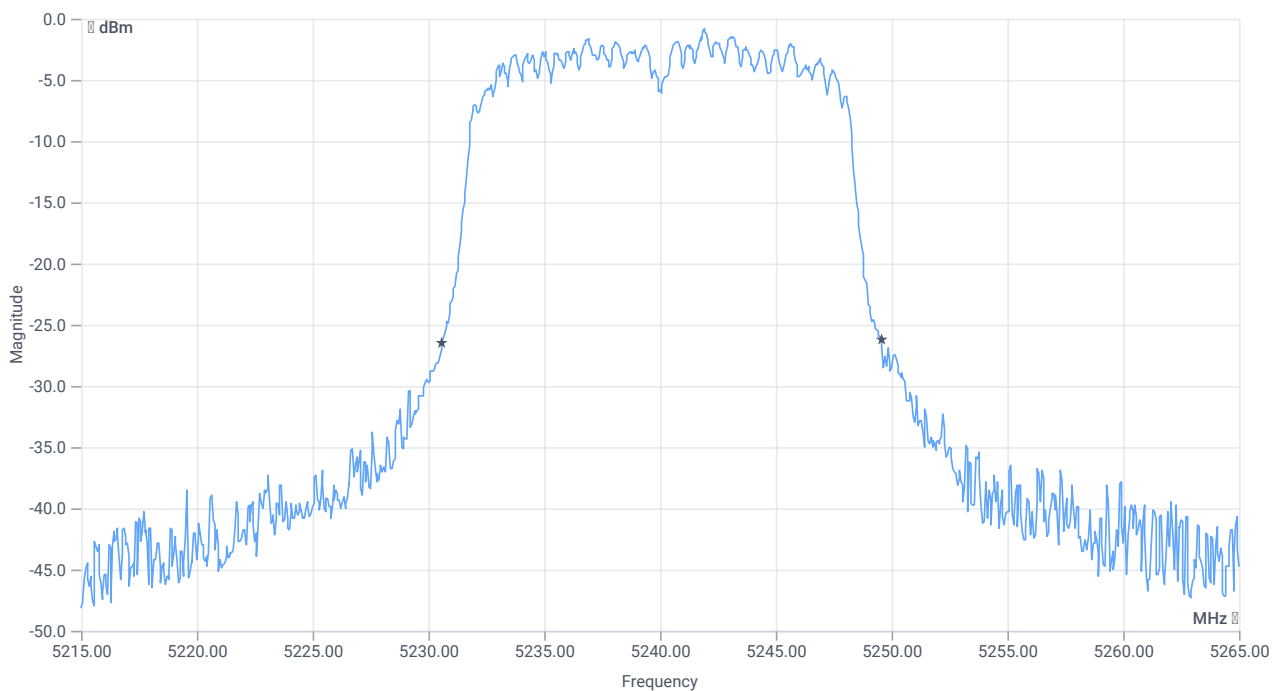




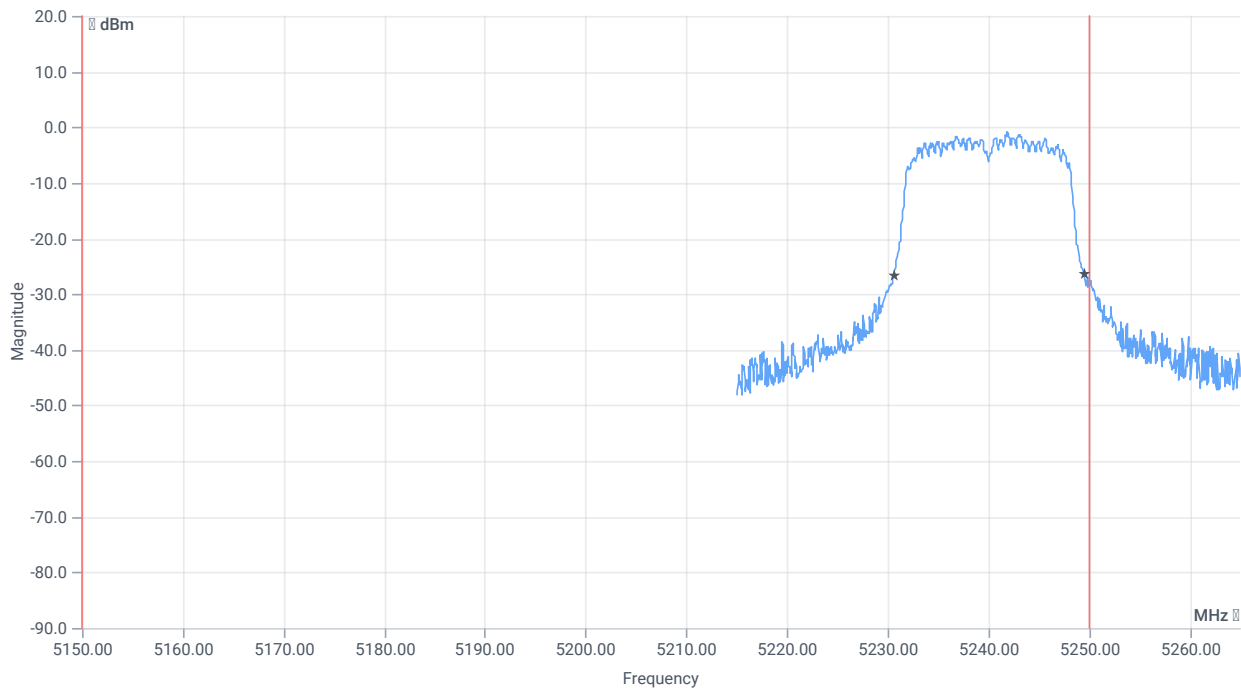
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5150.000000	---	5231.8581	MHz	PASS
T2 99%	---	5250.000000	5248.1918	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	18.95	MHz	INFO
T1 26dB	5150.000000	---	5230.6000	MHz	PASS
T2 26dB	---	5250.000000	5249.5500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 14:54:25
Ambit temp [°C] humidity [rel%]	26.4 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

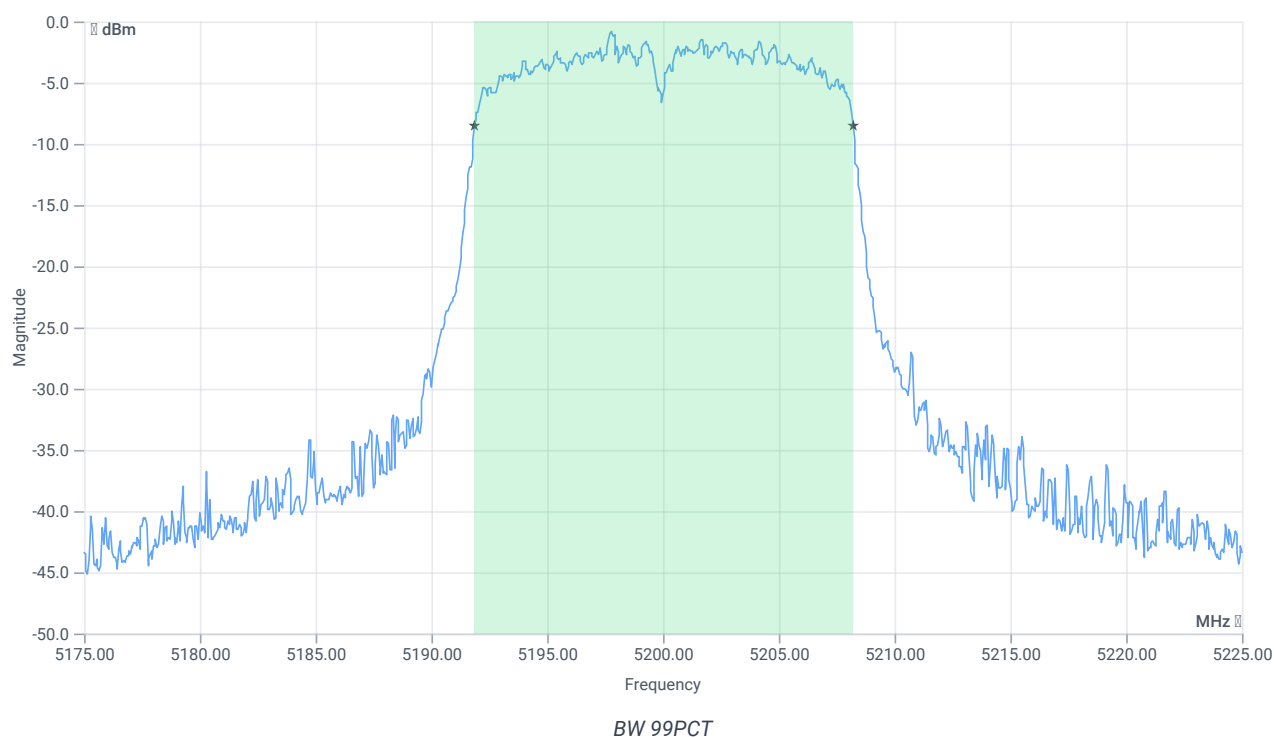
Test at TX 5200 MHz

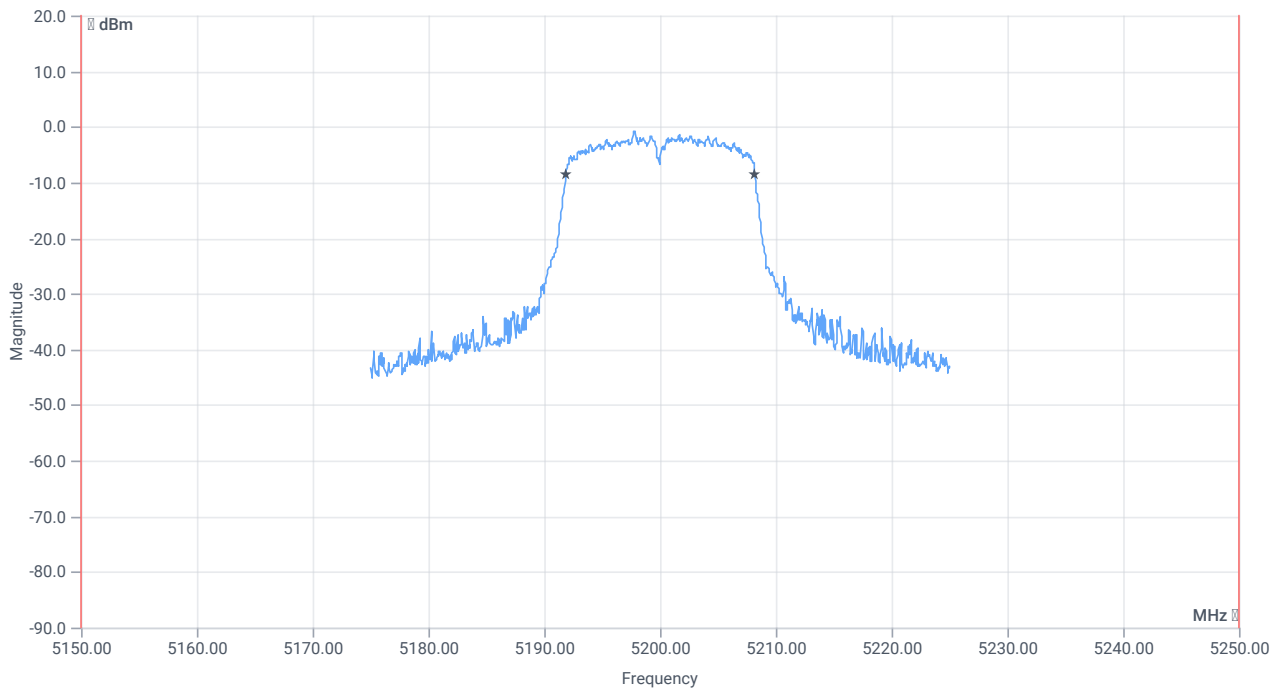
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	3.31	dBm	INFO
Ref. frequency	---	---	5196.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.31 10.08 20
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

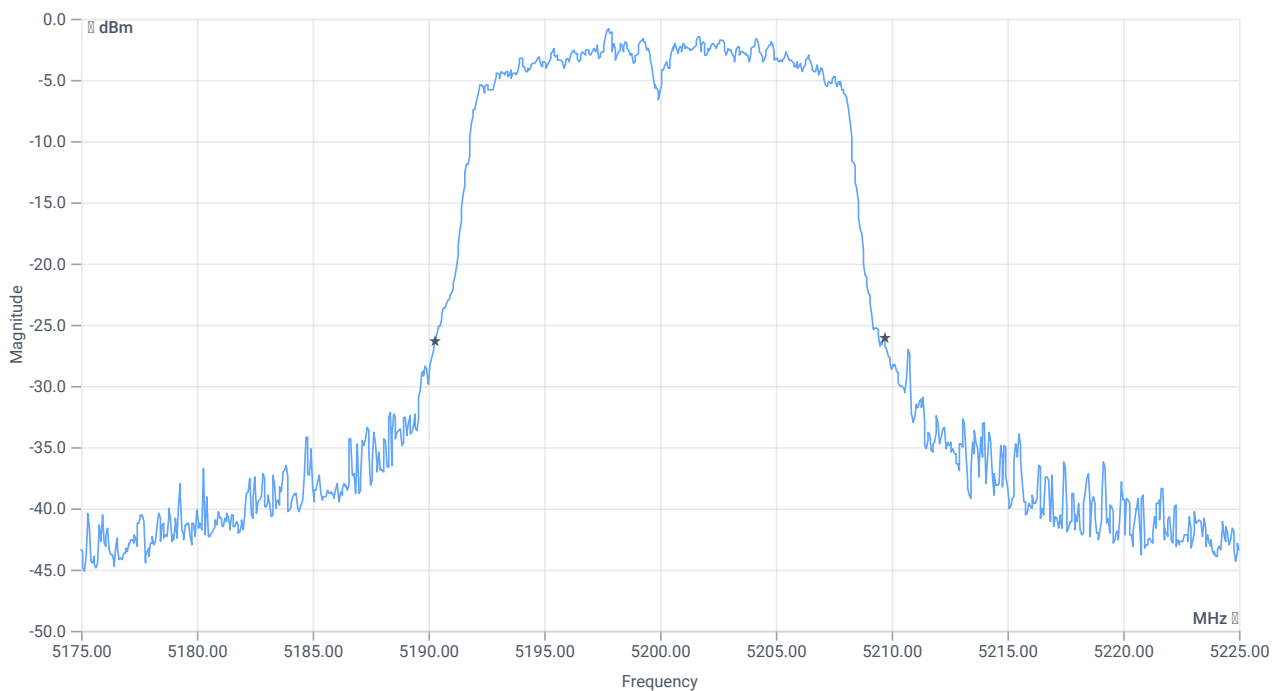




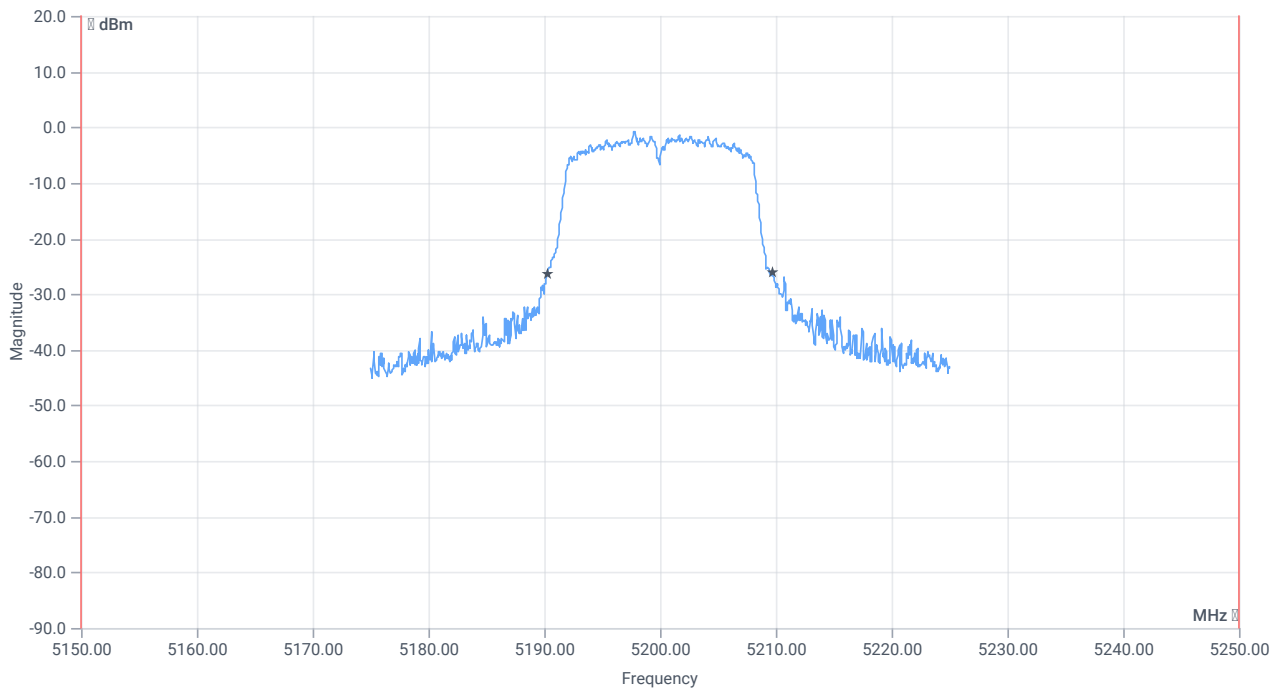
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5150.000000	---	5191.8581	MHz	PASS
T2 99%	---	5250.000000	5208.1918	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.45	MHz	INFO
T1 26dB	5150.000000	---	5190.2500	MHz	PASS
T2 26dB	---	5250.000000	5209.7000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 14:50:18
Ambit temp [°C] humidity [rel%]	26.4 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

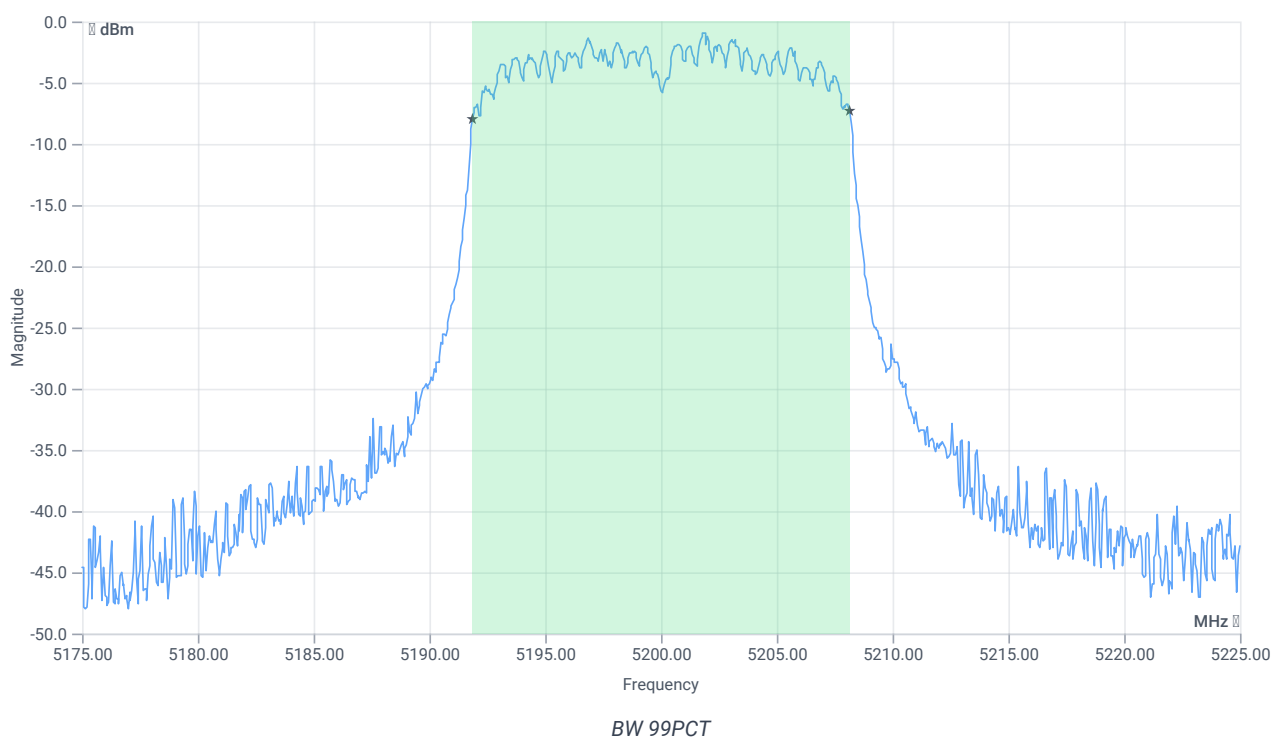
Test at TX 5200 MHz

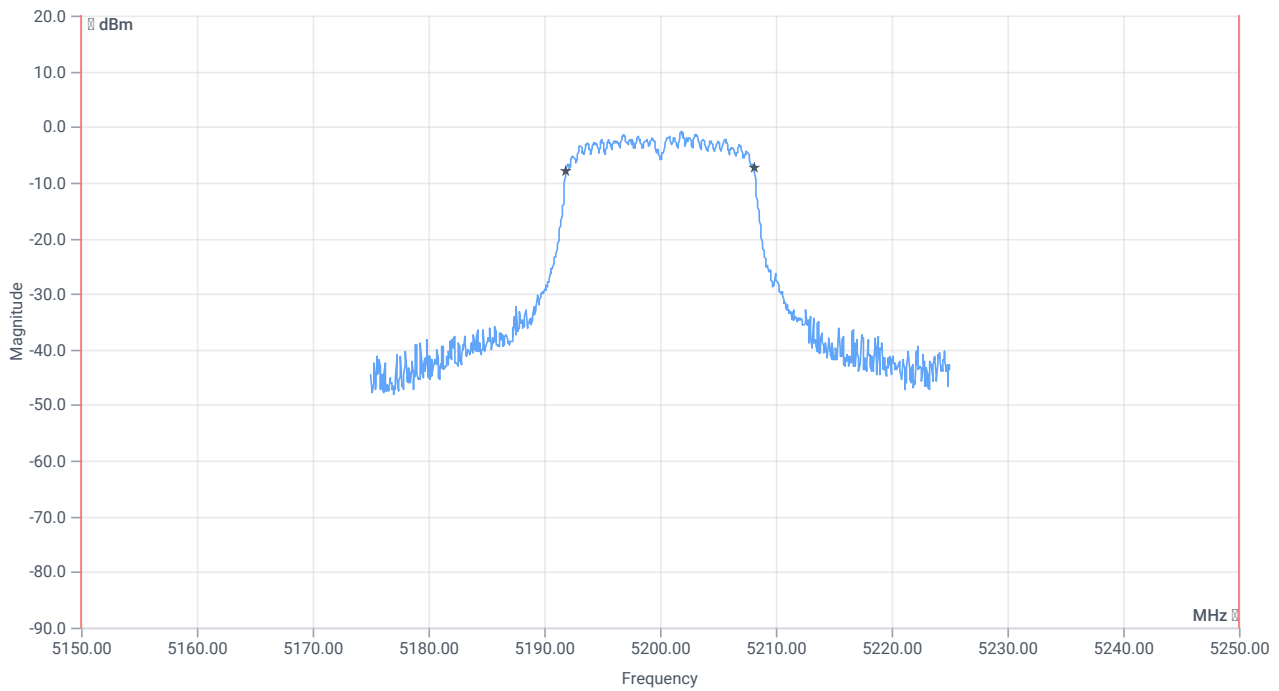
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.68	dBm	INFO
Ref. frequency	---	---	5196.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.68 10.05 20
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

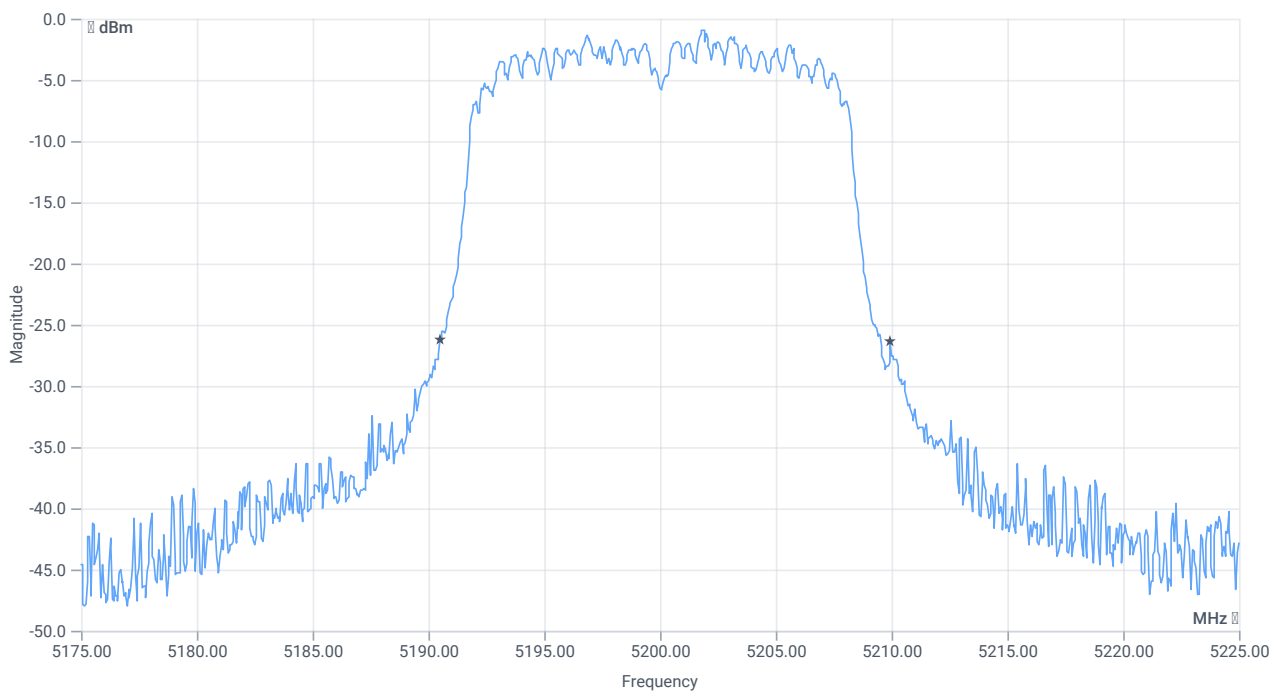




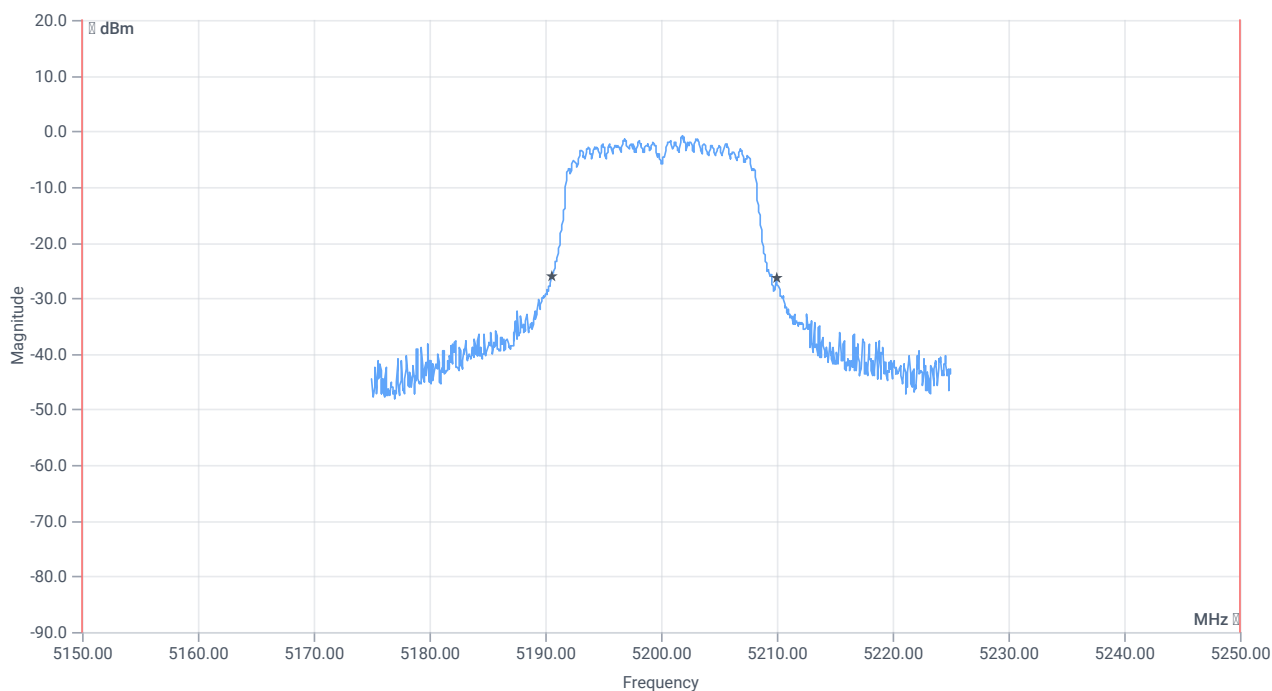
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5150.000000	---	5191.8581	MHz	PASS
T2 99%	---	5250.000000	5208.1419	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.45	MHz	INFO
T1 26dB	5150.000000	---	5190.5000	MHz	PASS
T2 26dB	---	5250.000000	5209.9500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 14:43:00
Ambit temp [°C] humidity [rel%]	26.3 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

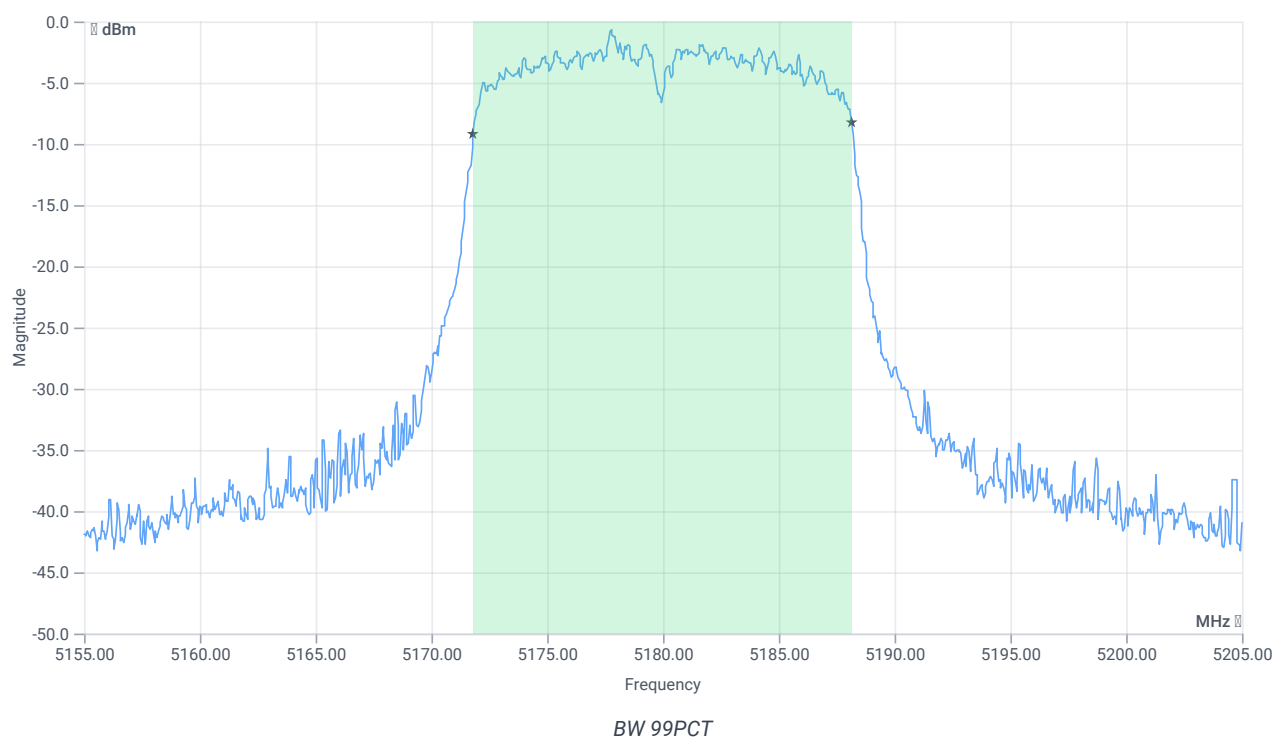
Test at TX 5180 MHz

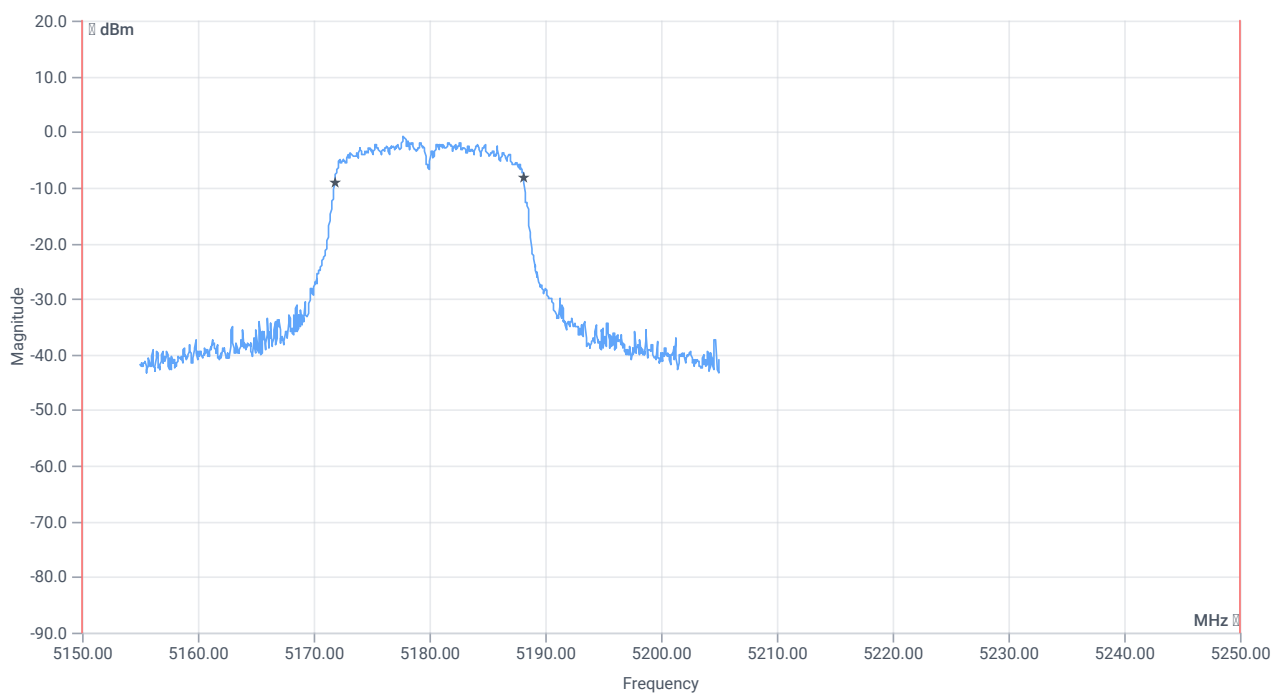
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	3.08	dBm	INFO
Ref. frequency	---	---	5183.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.08 10.01 20
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

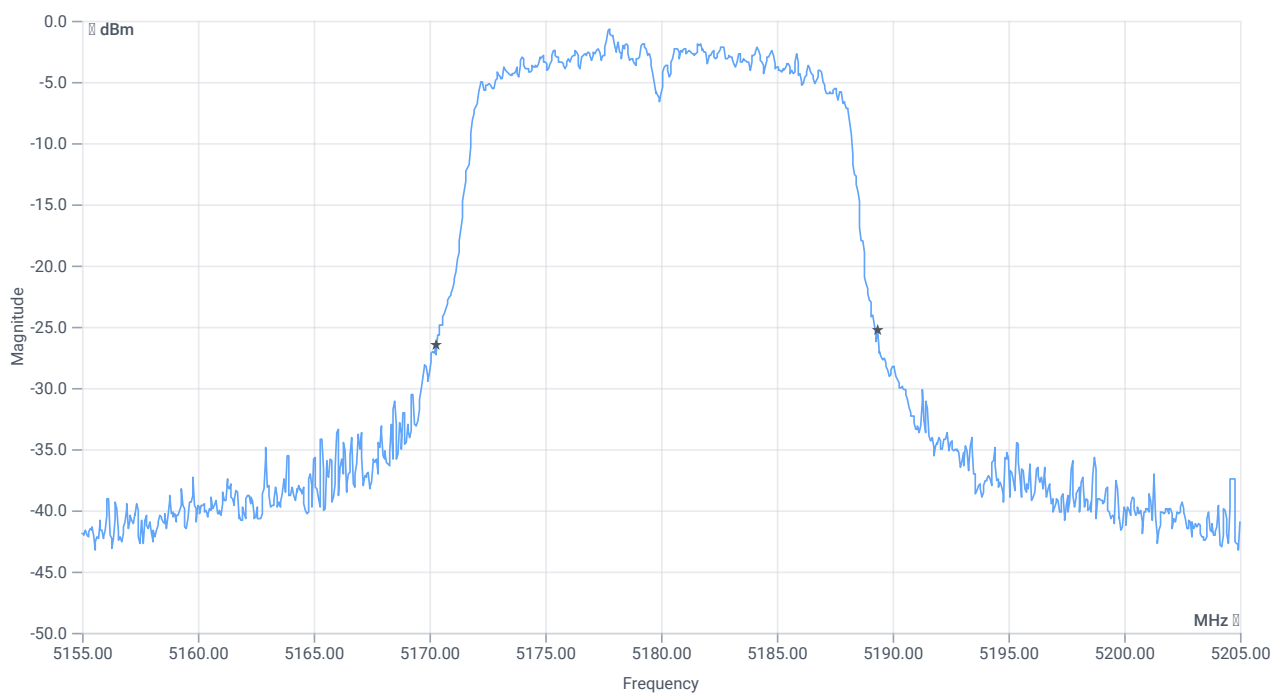




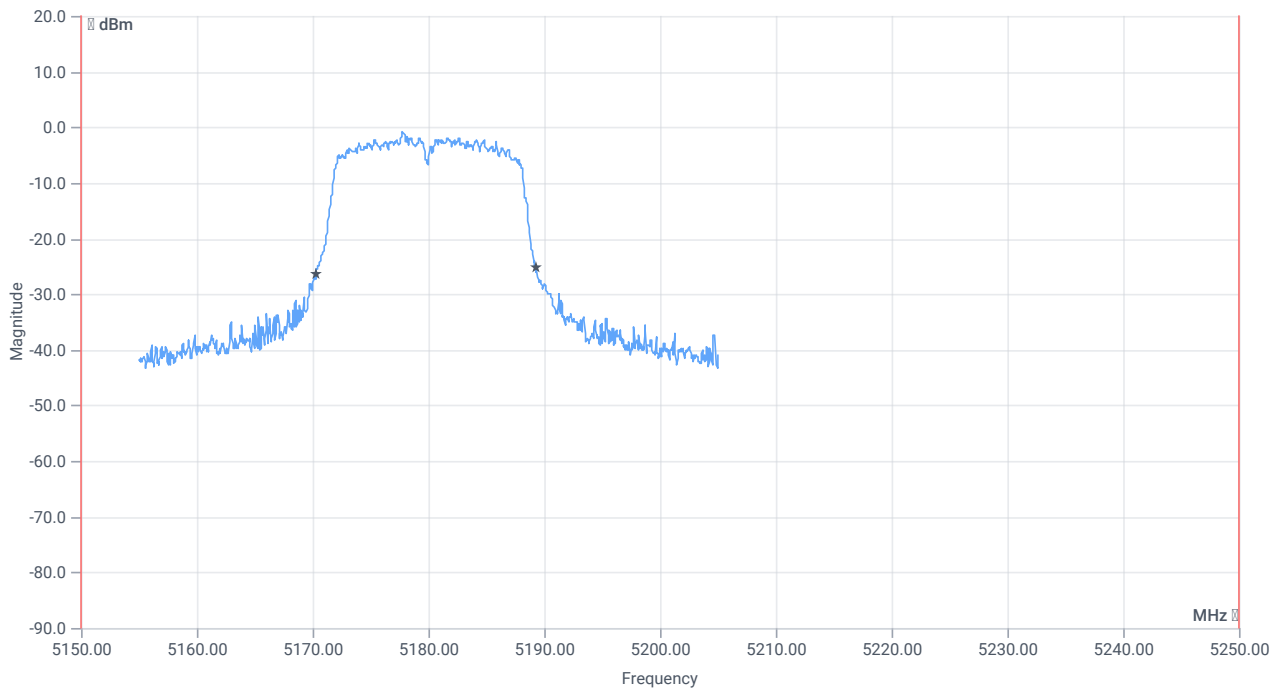
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5150.000000	---	5171.8082	MHz	PASS
T2 99%	---	5250.000000	5188.1419	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.1	MHz	INFO
T1 26dB	5150.000000	---	5170.2500	MHz	PASS
T2 26dB	---	5250.000000	5189.3500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-1

References

TC start	26.01.2024 14:38:47
Ambit temp [°C] humidity [rel%]	26.3 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

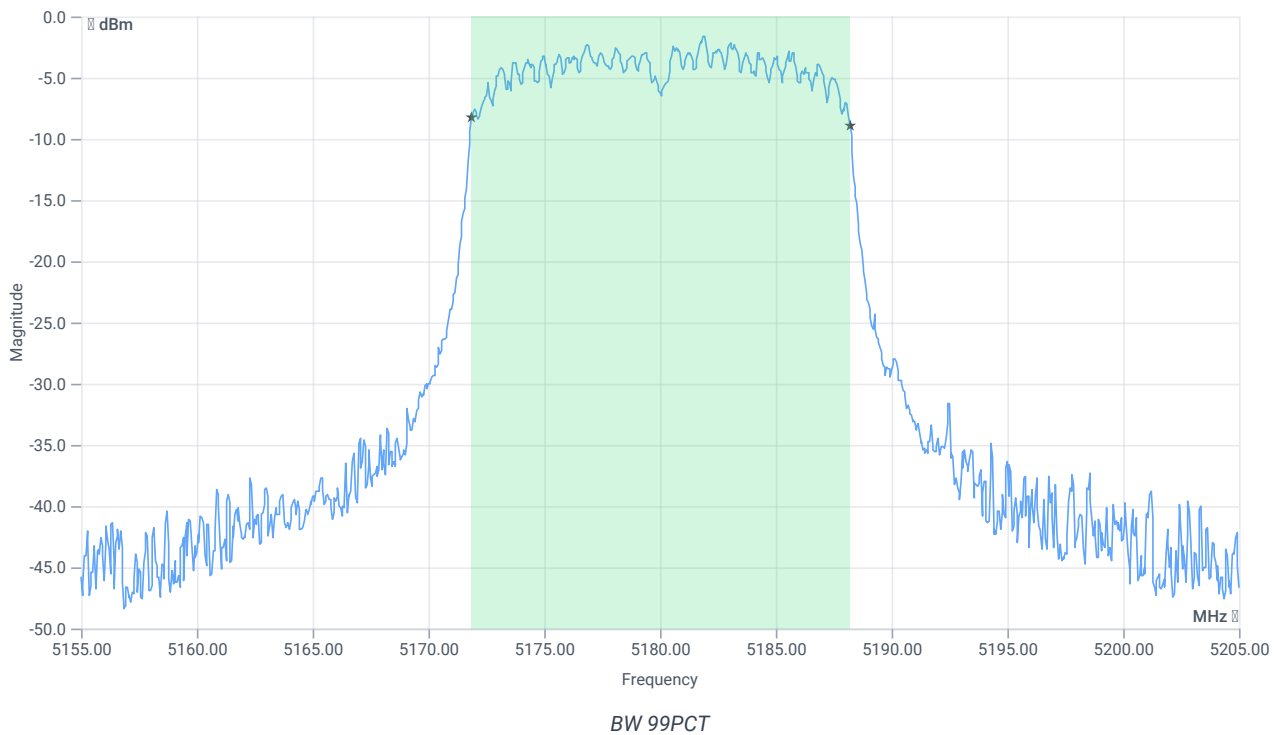
Test at TX 5180 MHz

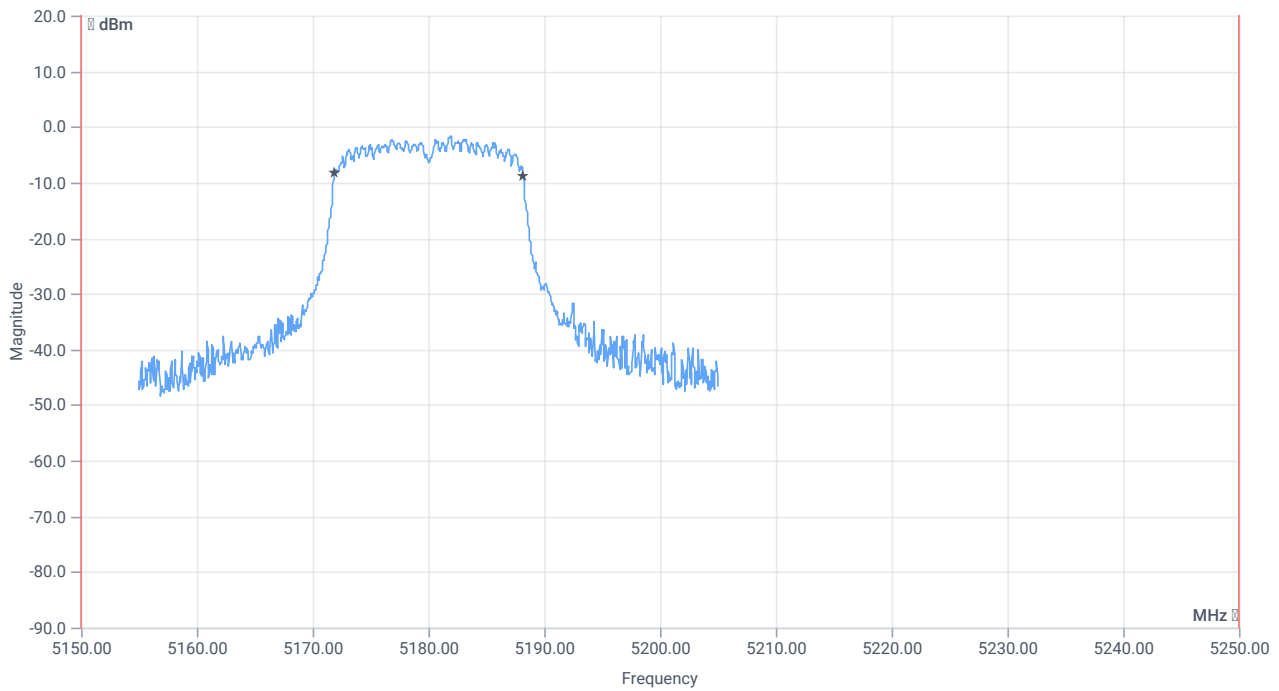
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.01	dBm	INFO
Ref. frequency	---	---	5182.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.01 9.99 20
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

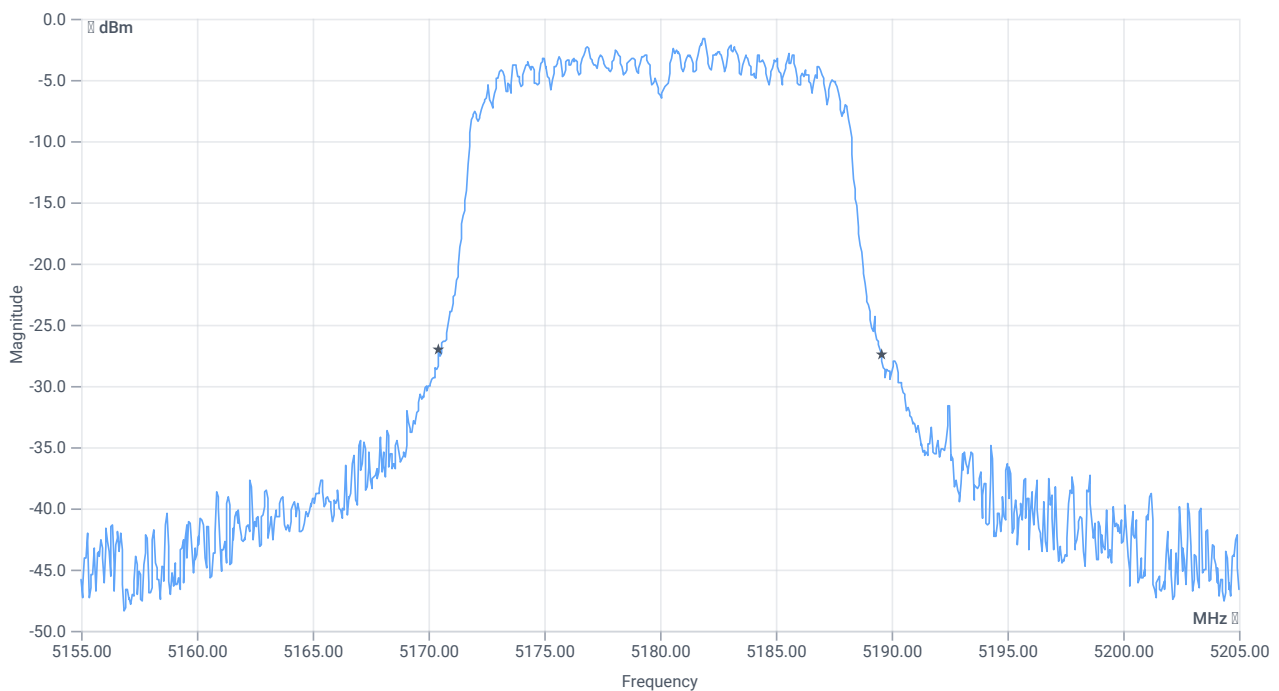




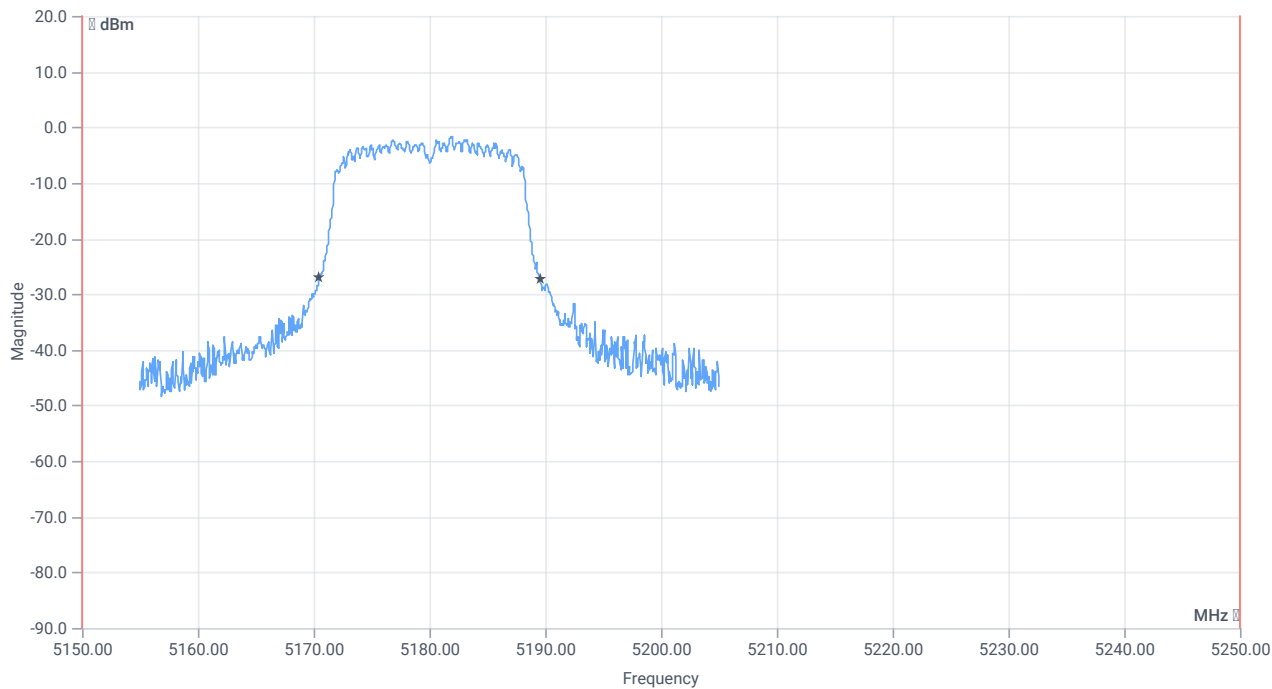
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5150.000000	---	5171.8581	MHz	PASS
T2 99%	---	5250.000000	5188.1918	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.1	MHz	INFO
T1 26dB	5150.000000	---	5170.4500	MHz	PASS
T2 26dB	---	5250.000000	5189.5500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:30:56
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

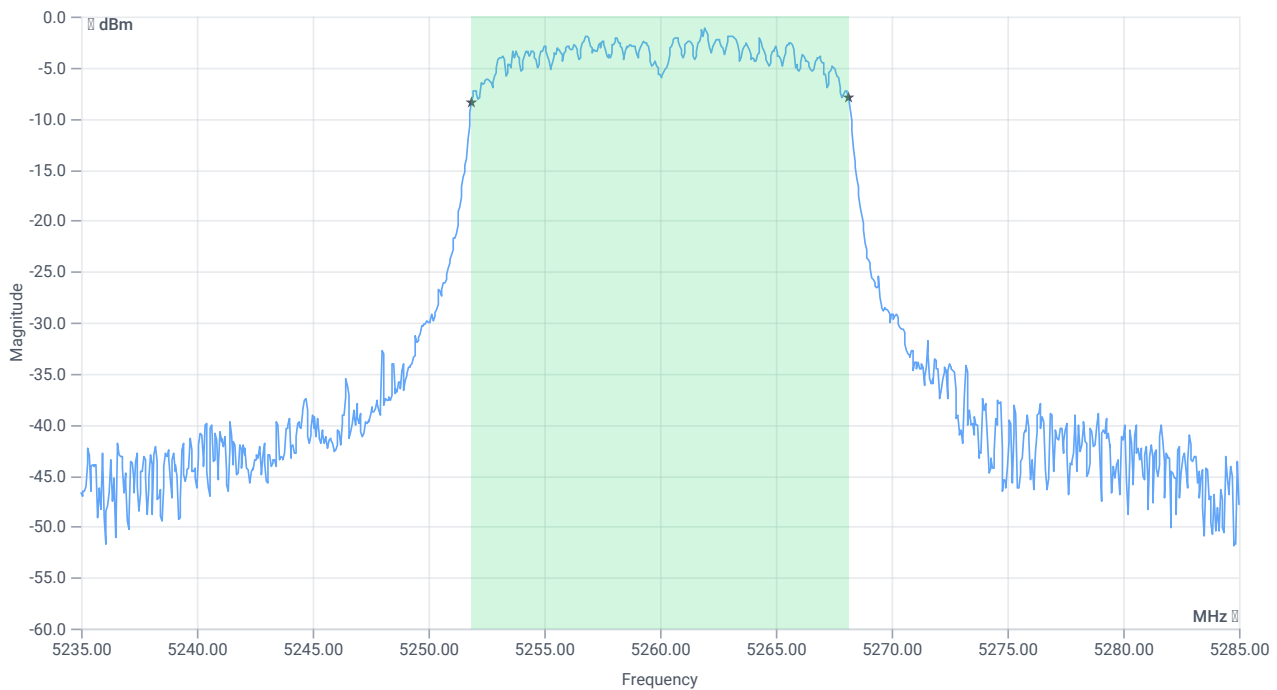
Test at TX 5260 MHz

RESULT: Reference power cond.

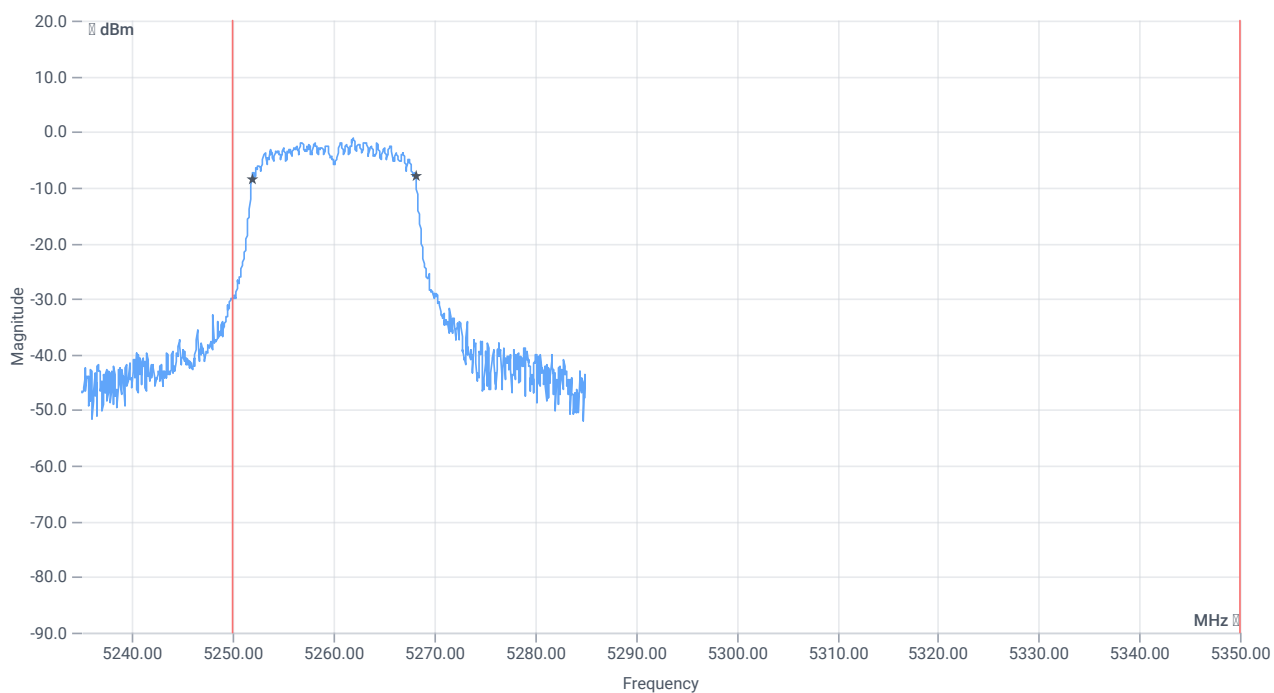
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.78	dBm	INFO
Ref. frequency	---	---	5262.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.78 13.25 15
Start [MHz] Stop [MHz]	5235.000 5285.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



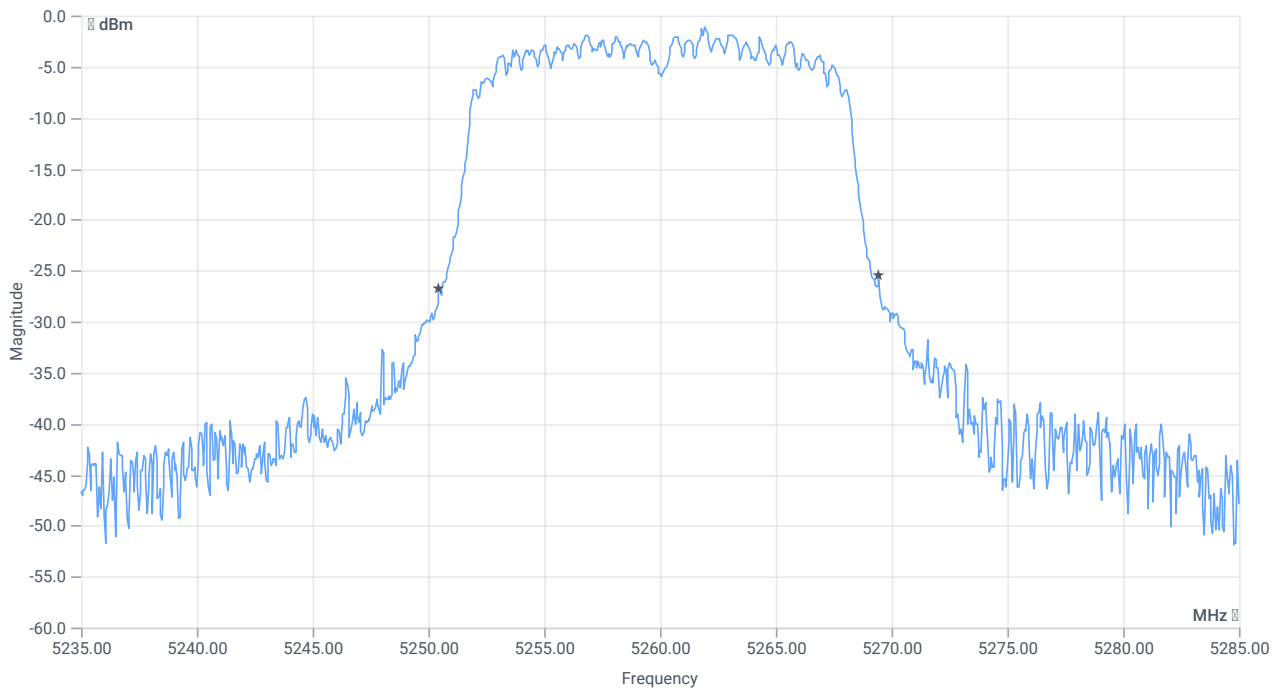
BW 99PCT



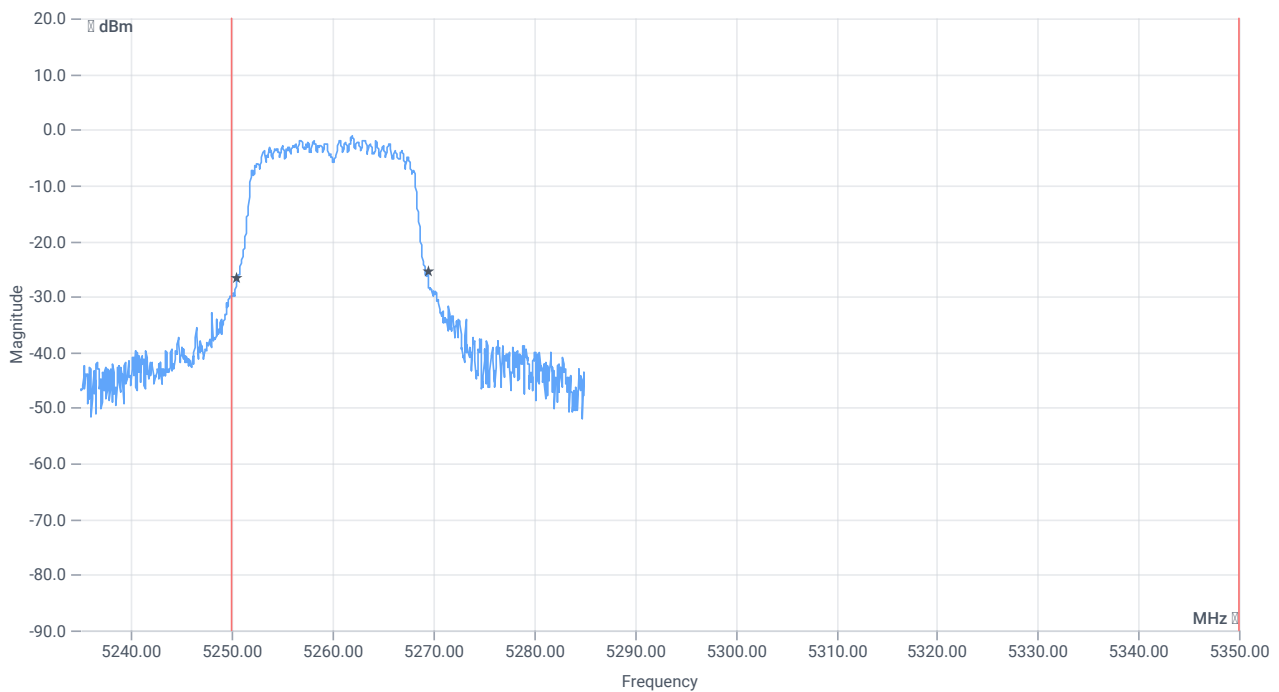
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5250.000000	---	5251.8581	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5268.1419	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5250.4500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5269.4500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:34:34
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

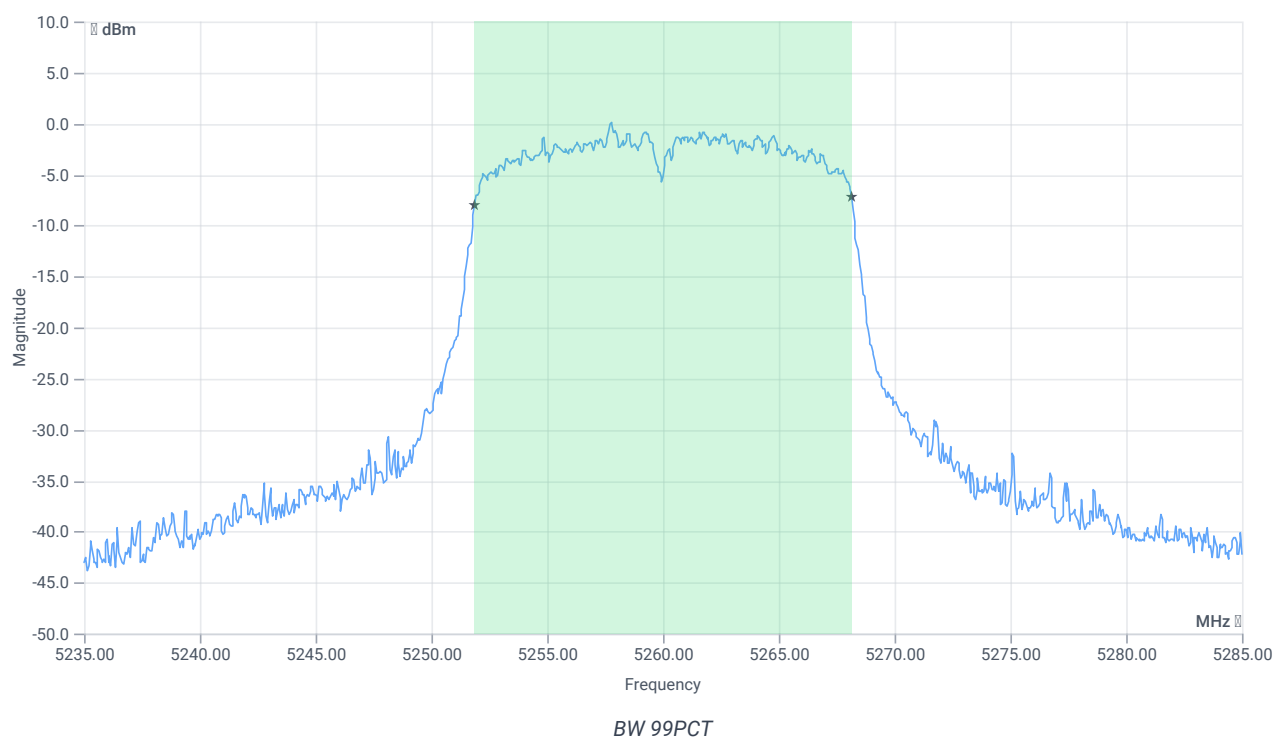
Test at TX 5260 MHz

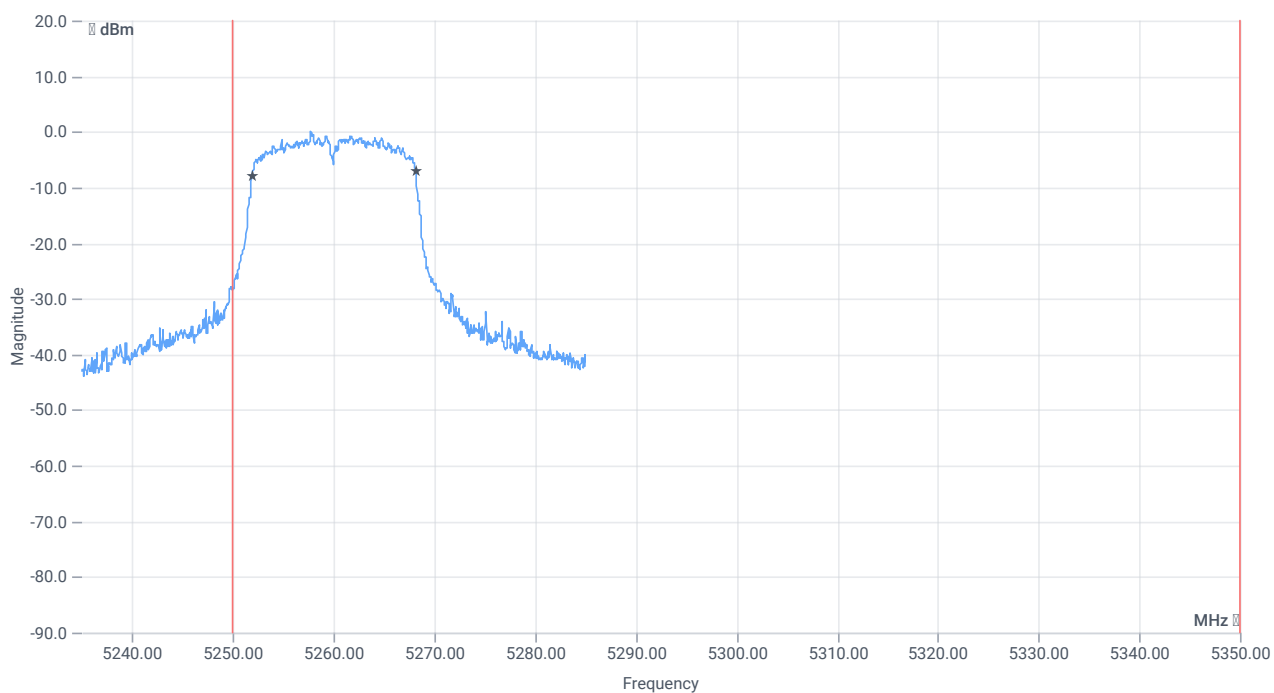
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	3.89	dBm	INFO
Ref. frequency	---	---	5262.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.89 13.04 15
Start [MHz] Stop [MHz]	5235.000 5285.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

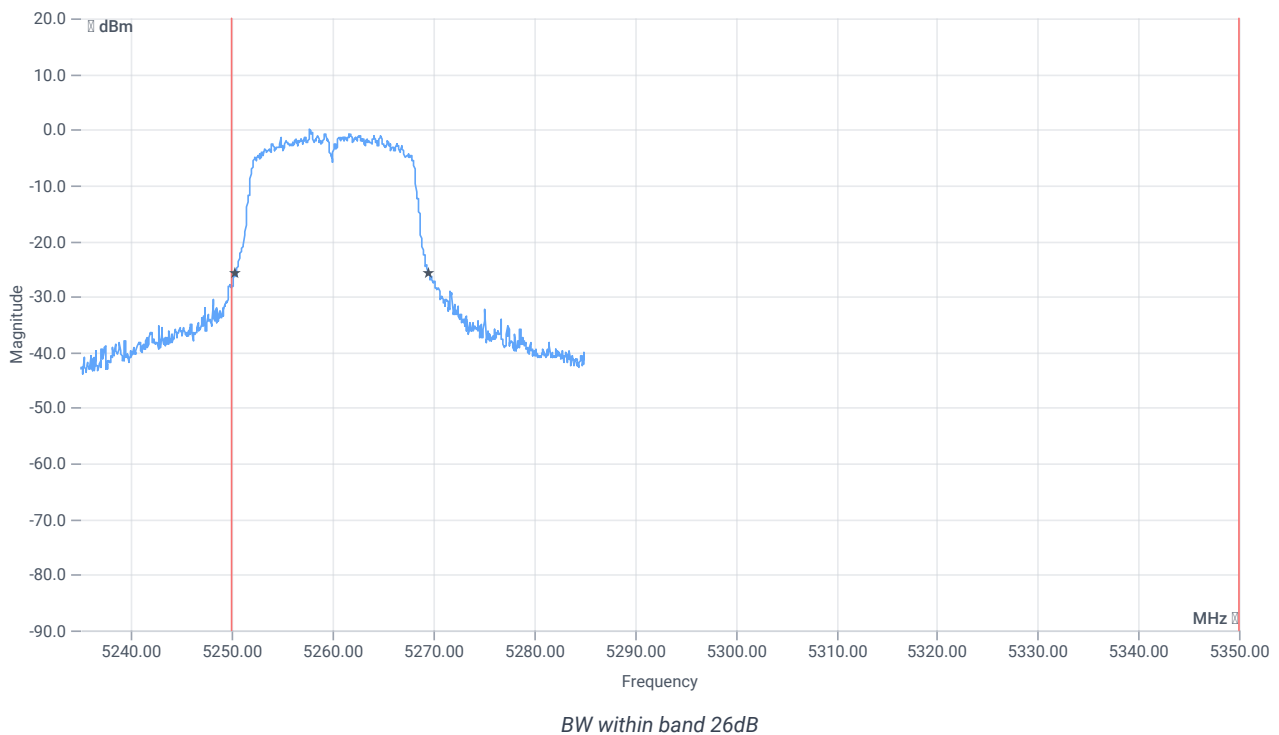
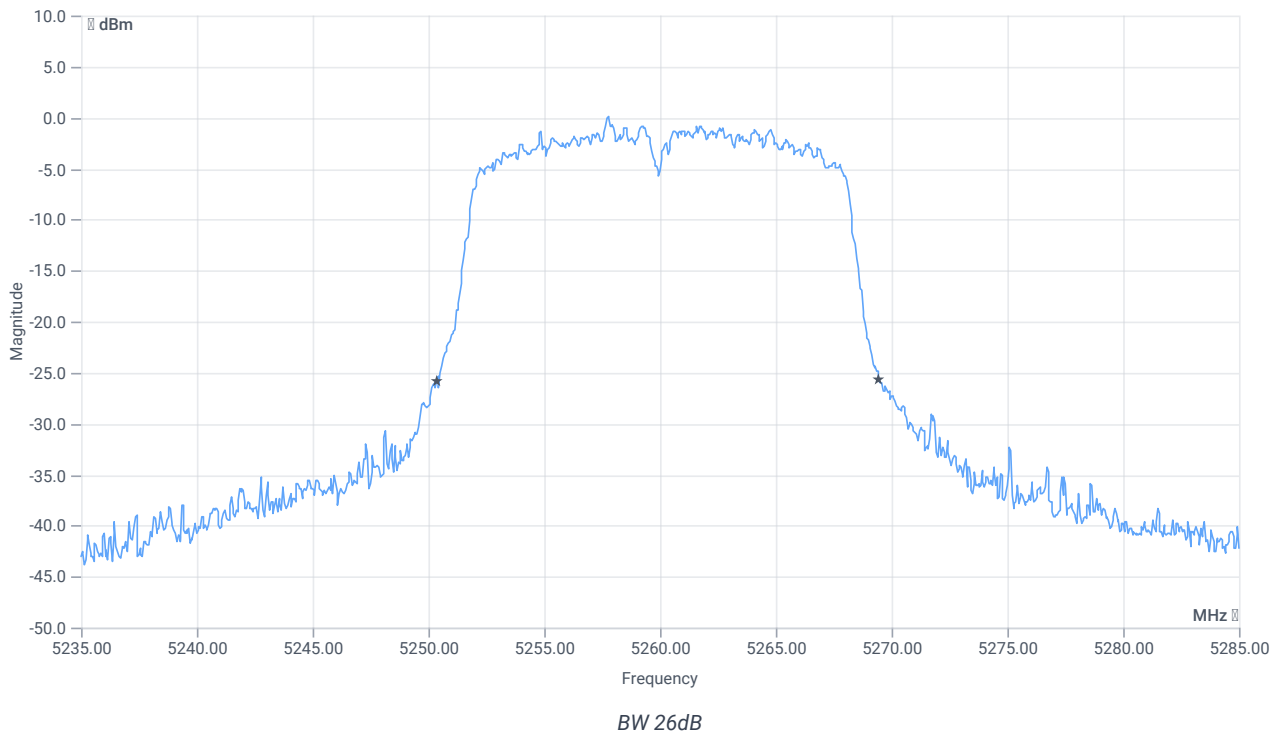




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5250.000000	---	5251.8581	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5268.1419	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.1	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5250.3500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5269.4500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:42:43
Ambit temp [°C] humidity [rel%]	28.1 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	True Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

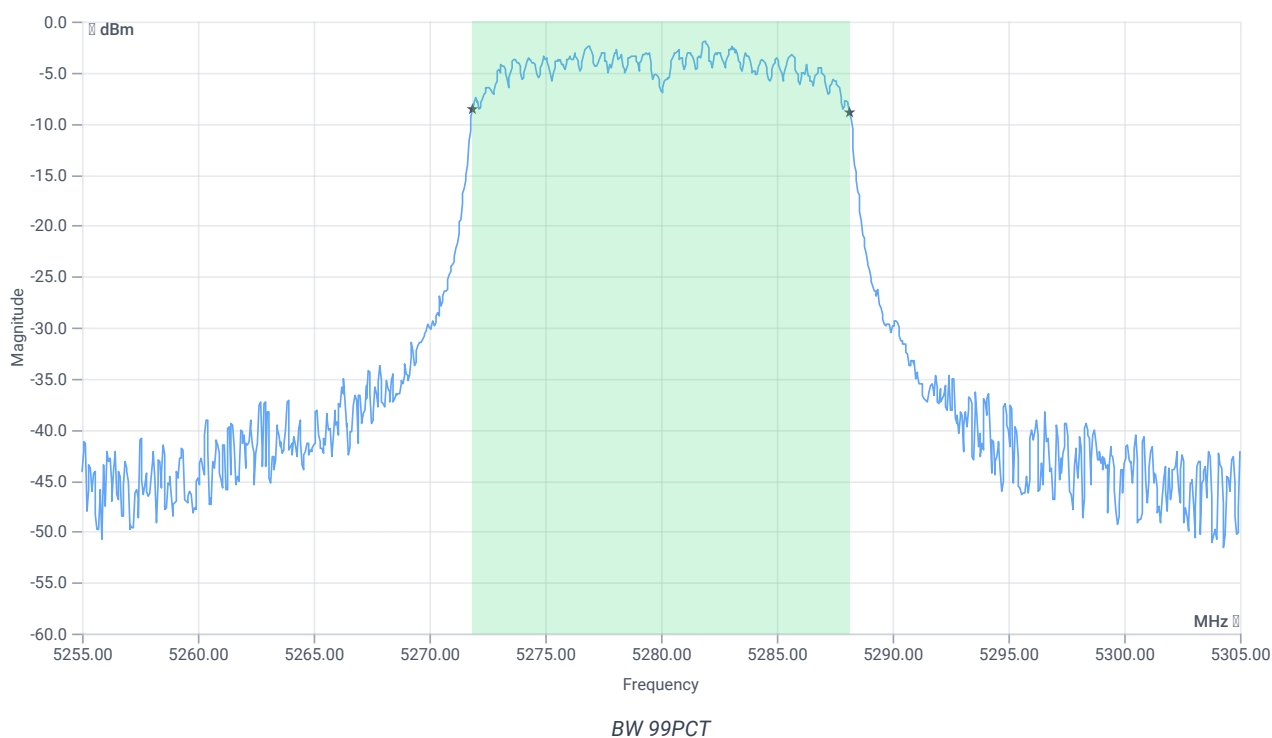
Test at TX 5280 MHz

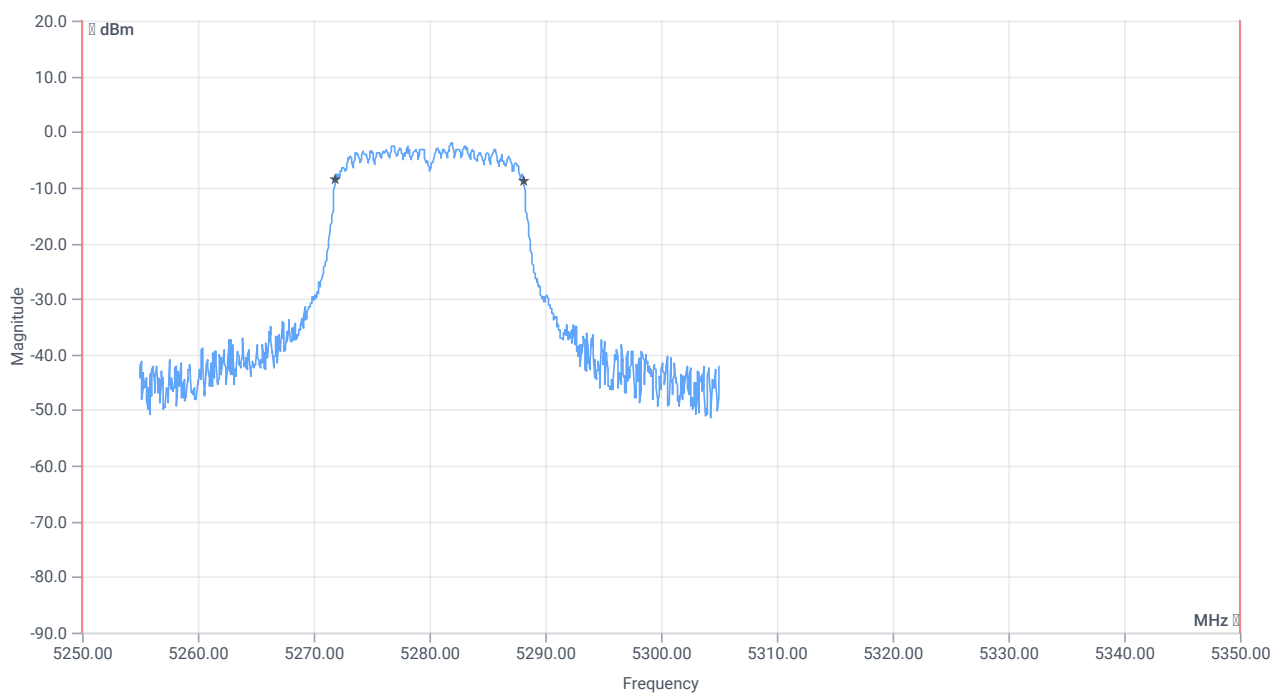
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.67	dBm	INFO
Ref. frequency	---	---	5281.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.67 13.29 15
Start [MHz] Stop [MHz]	5255.000 5305.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

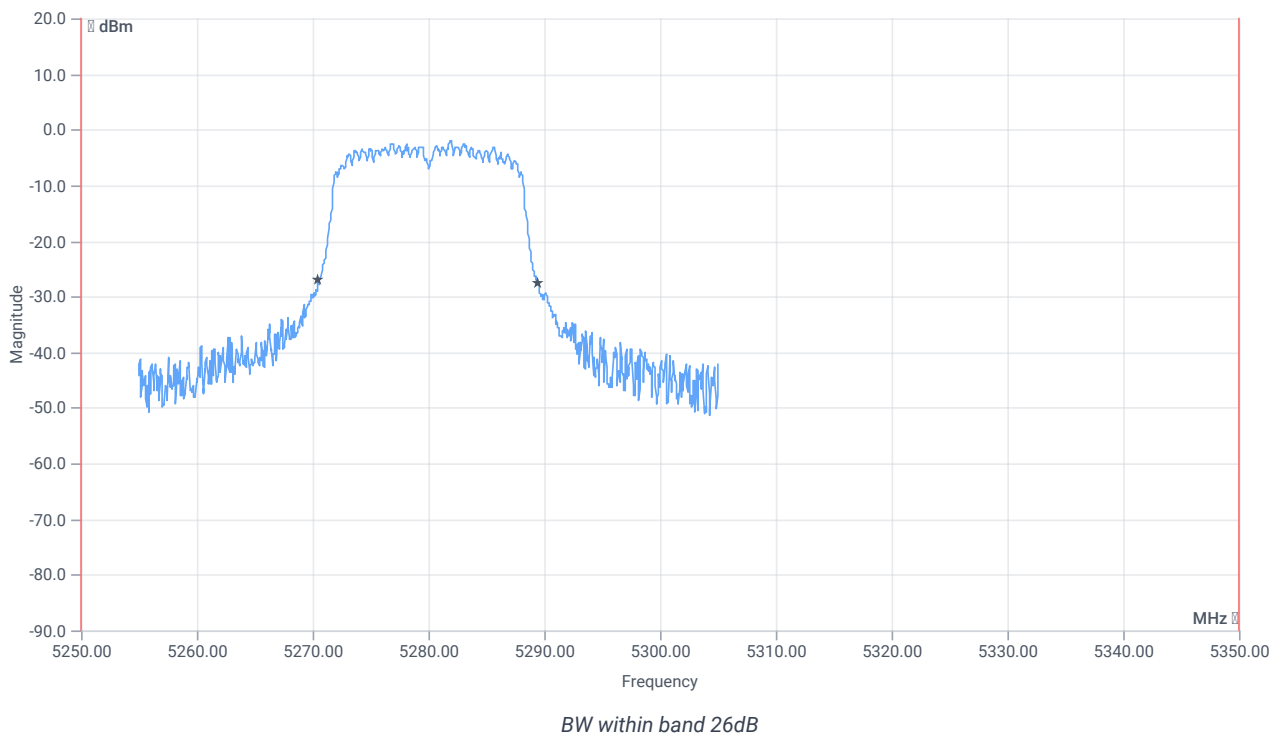
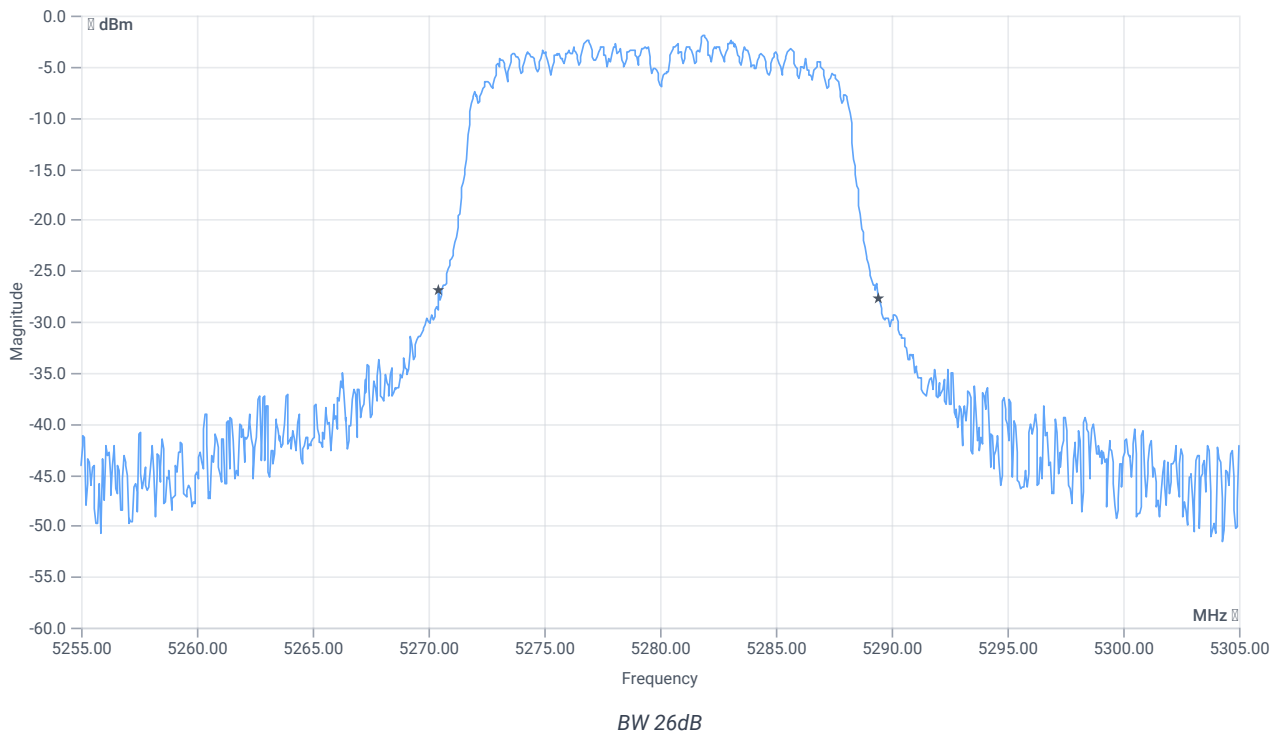




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5250.000000	---	5271.8581	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.1419	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5270.4500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5289.4500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:46:17
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	True Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

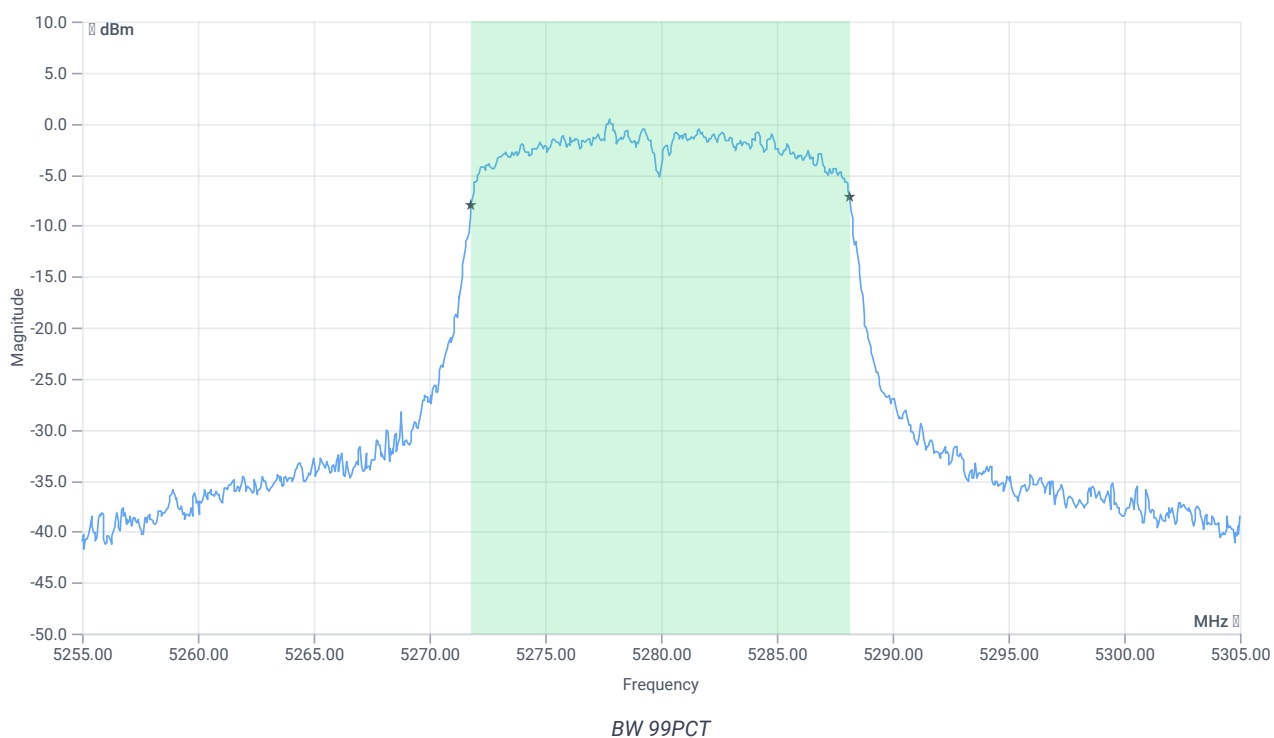
Test at TX 5280 MHz

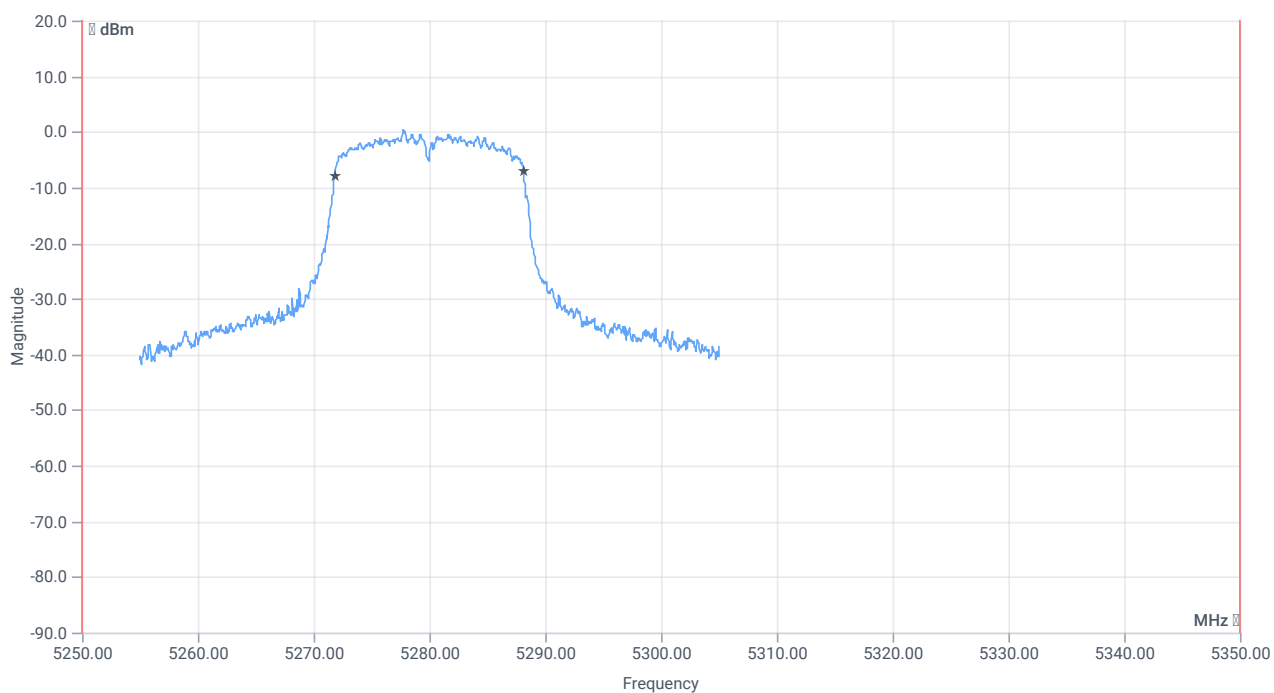
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	4.76	dBm	INFO
Ref. frequency	---	---	5278.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.76 13.27 15
Start [MHz] Stop [MHz]	5255.000 5305.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

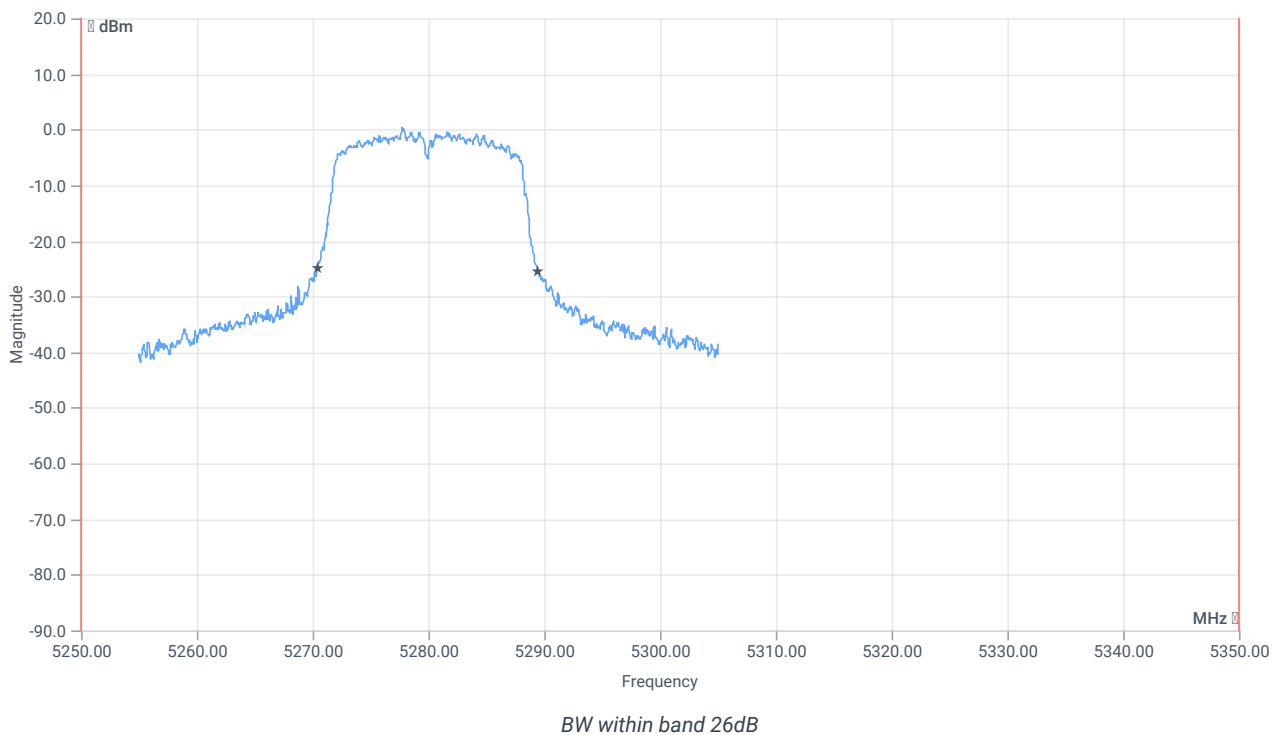
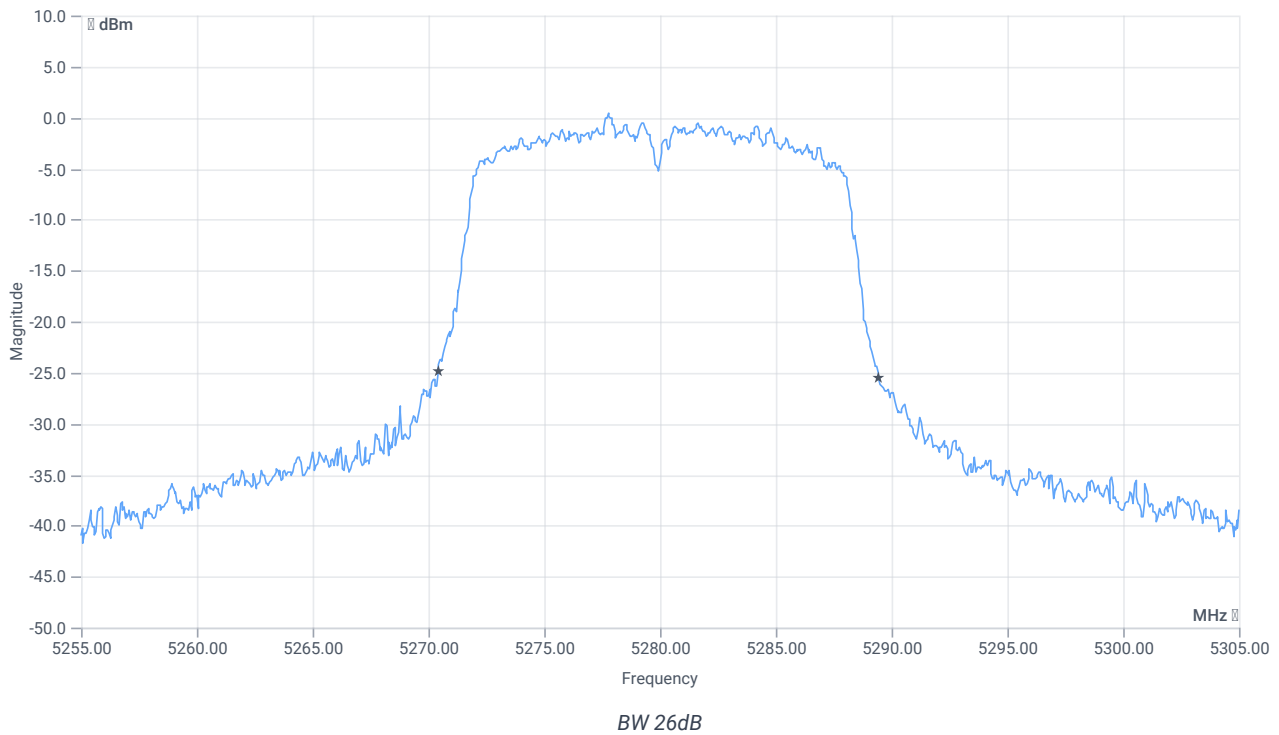




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5250.000000	---	5271.8082	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.1419	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.05	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5270.4000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5289.4500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:50:33
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	True Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

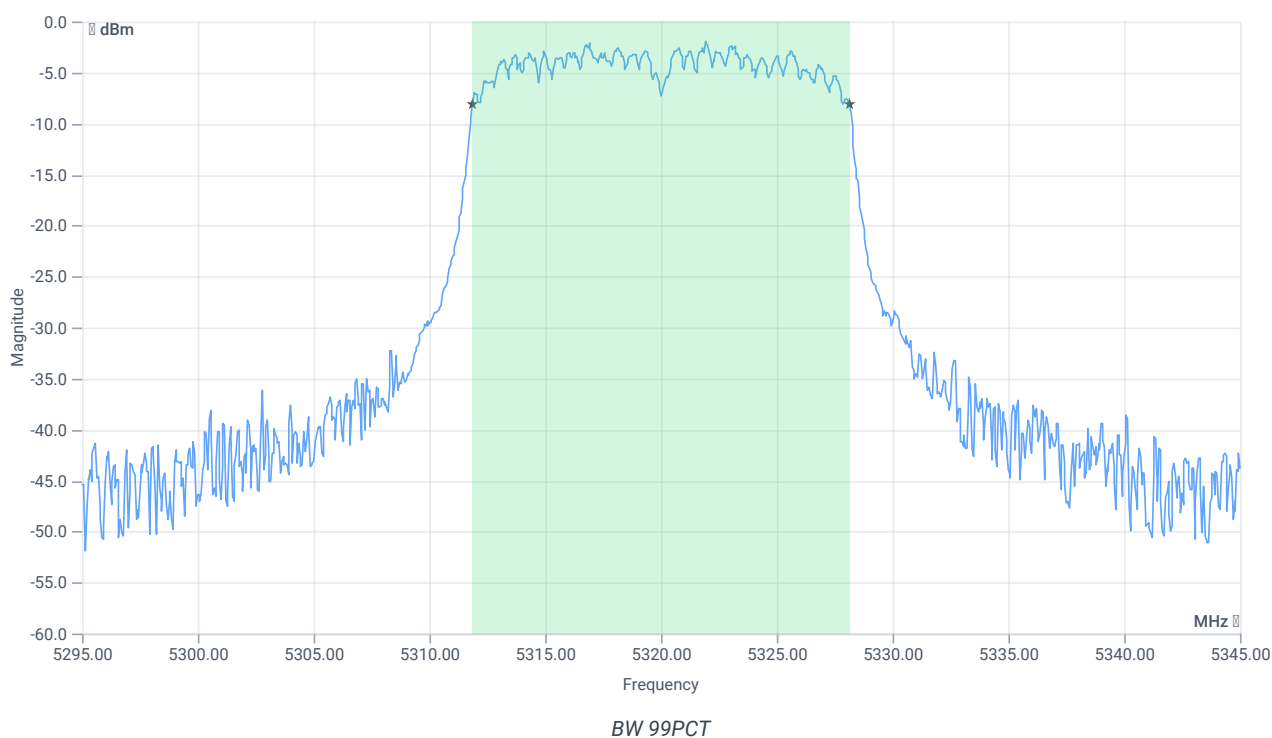
Test at TX 5320 MHz

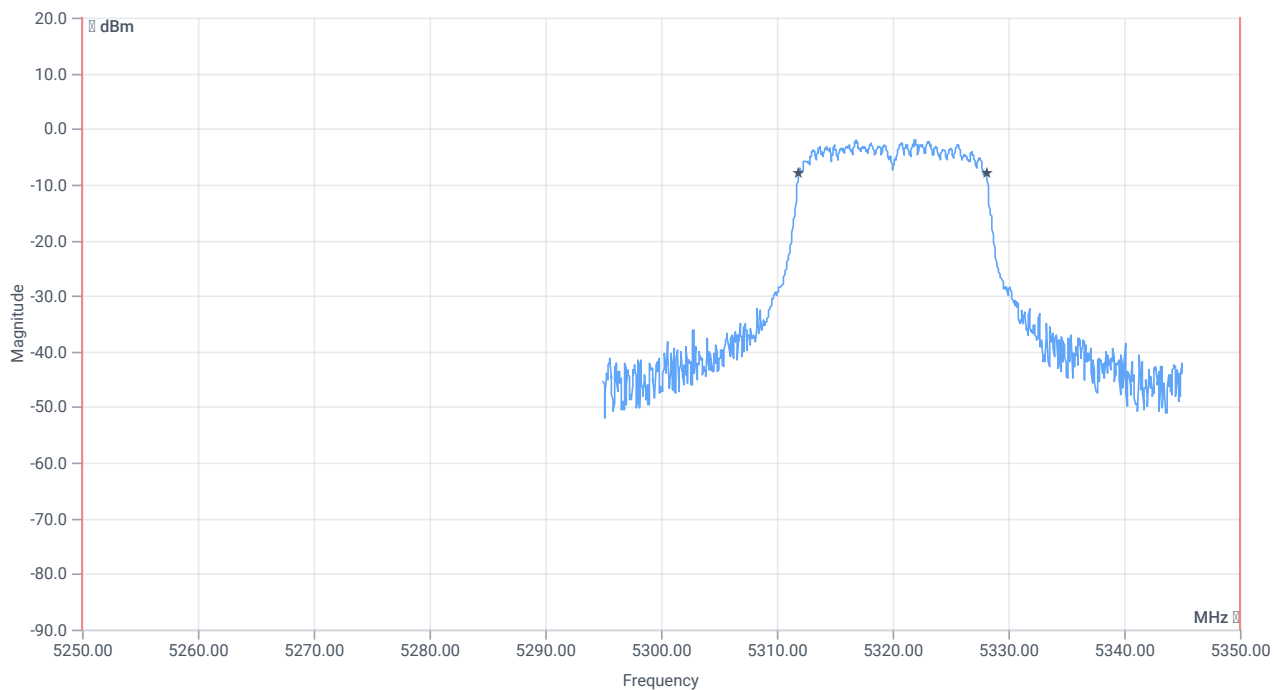
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.32	dBm	INFO
Ref. frequency	---	---	5318.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.32 13.96 15
Start [MHz] Stop [MHz]	5295.000 5345.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

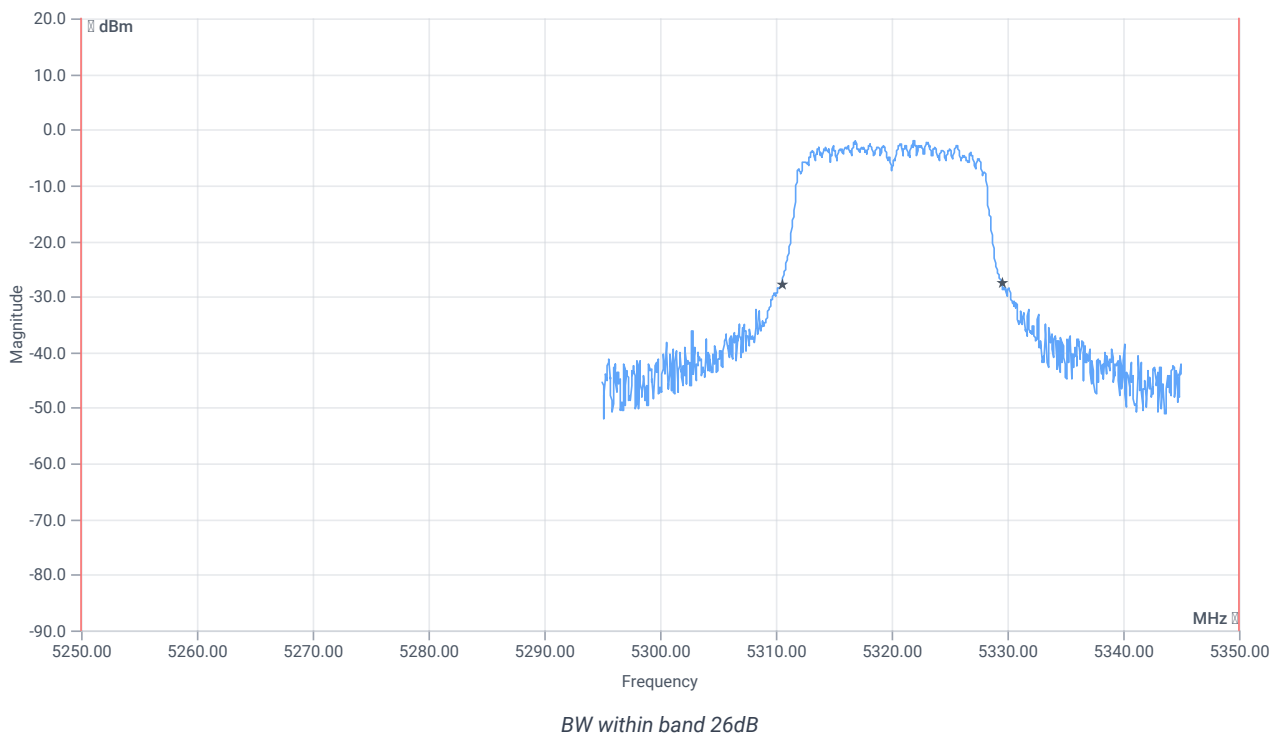
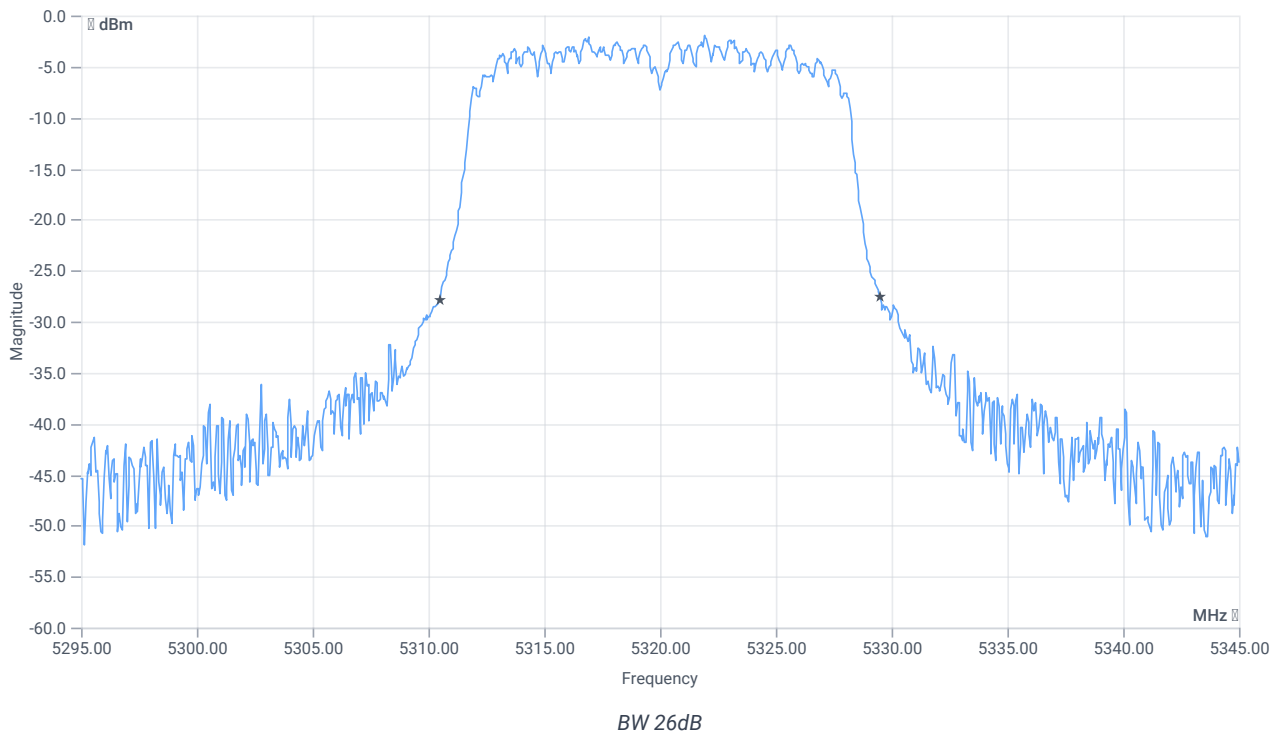




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5250.000000	---	5311.8581	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.1419	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5310.5000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5329.5000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2A

References

TC start	14.05.2024 14:54:06
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	True Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

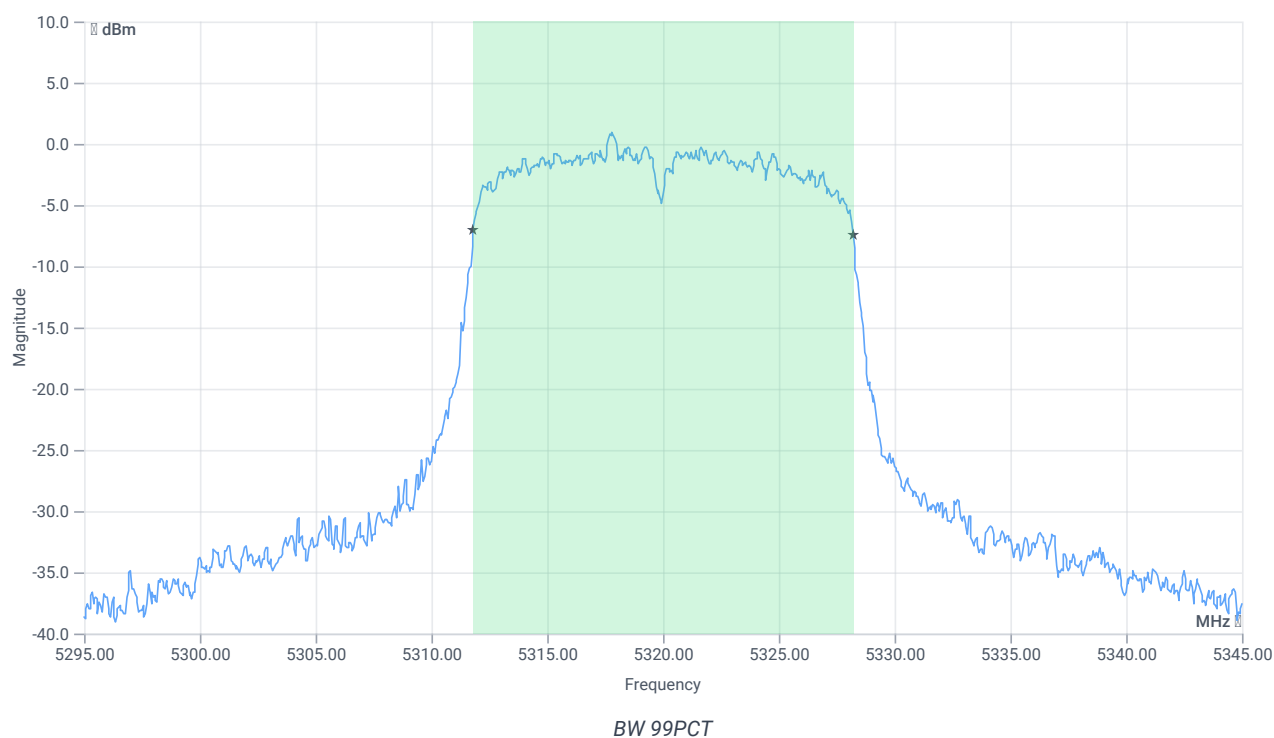
Test at TX 5320 MHz

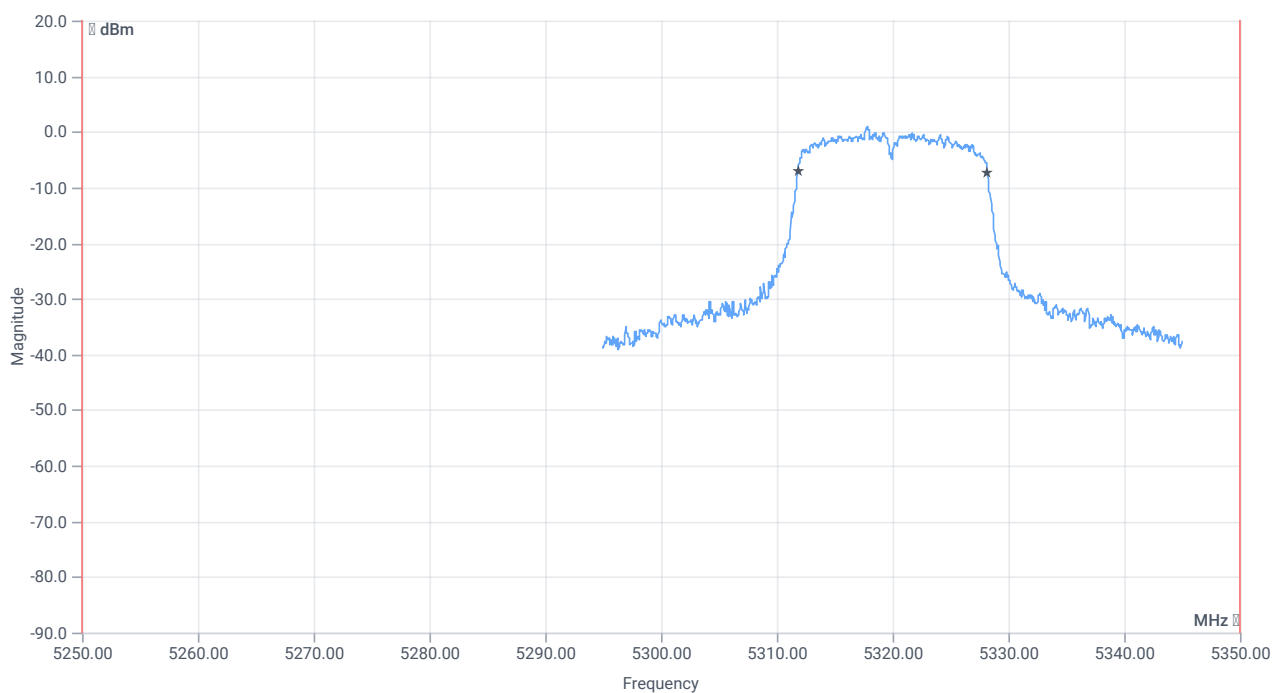
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	4.62	dBm	INFO
Ref. frequency	---	---	5318.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.62 13.72 15
Start [MHz] Stop [MHz]	5295.000 5345.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

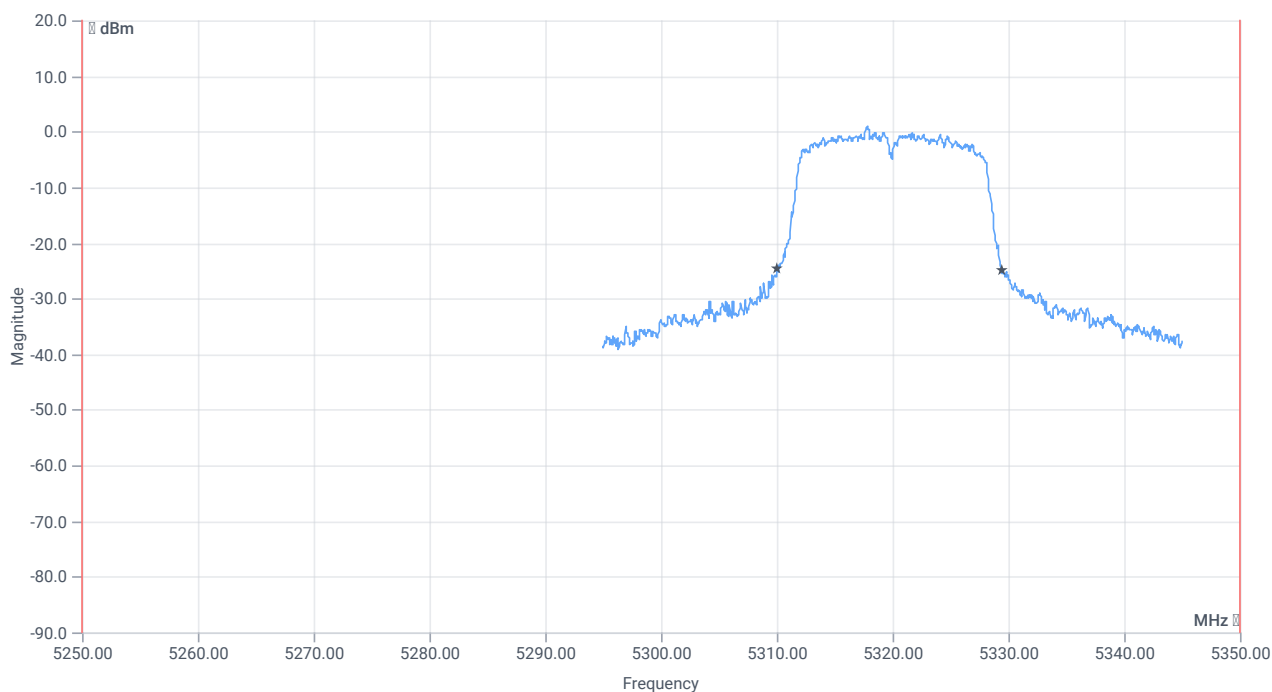
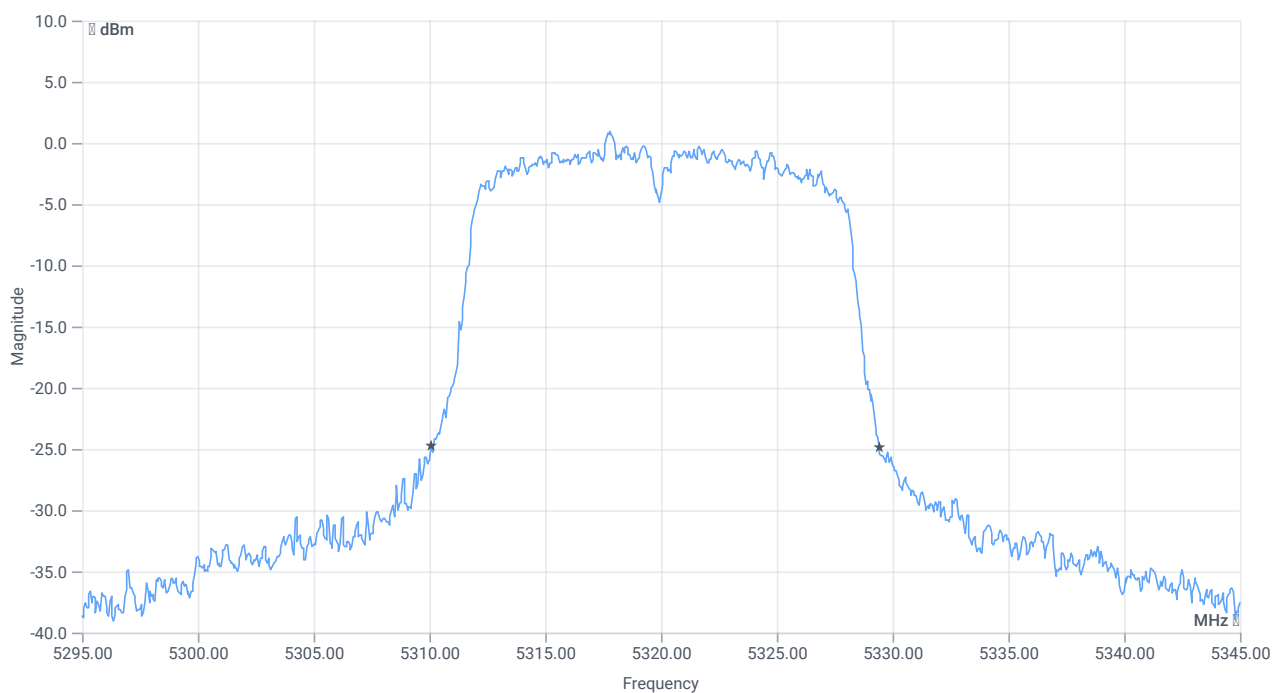




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.384	MHz	INFO
T1 99%	5250.000000	---	5311.8082	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.1918	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.35	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5310.0500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5329.4000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 14:59:20
Ambit temp [°C] humidity [rel%]	28.0 41
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

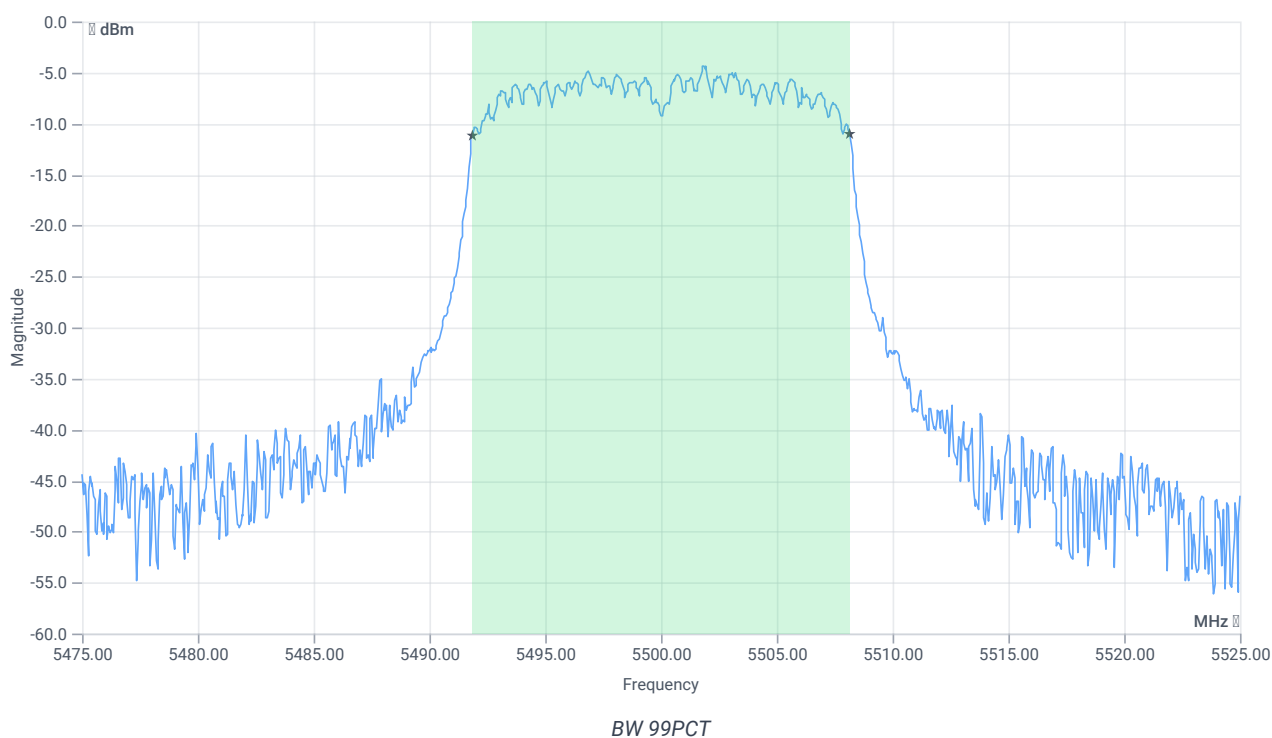
Test at TX 5500 MHz

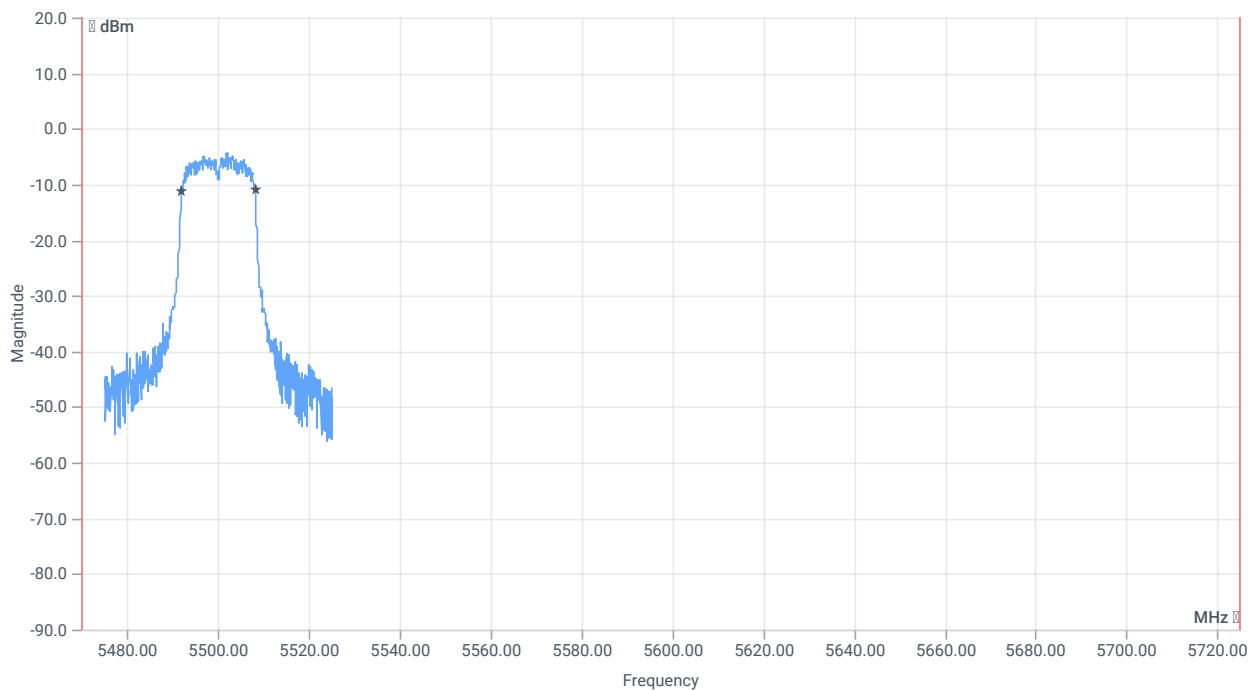
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.28	dBm	INFO
Ref. frequency	---	---	5496.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.72 13.54 10
Start [MHz] Stop [MHz]	5475.000 5525.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

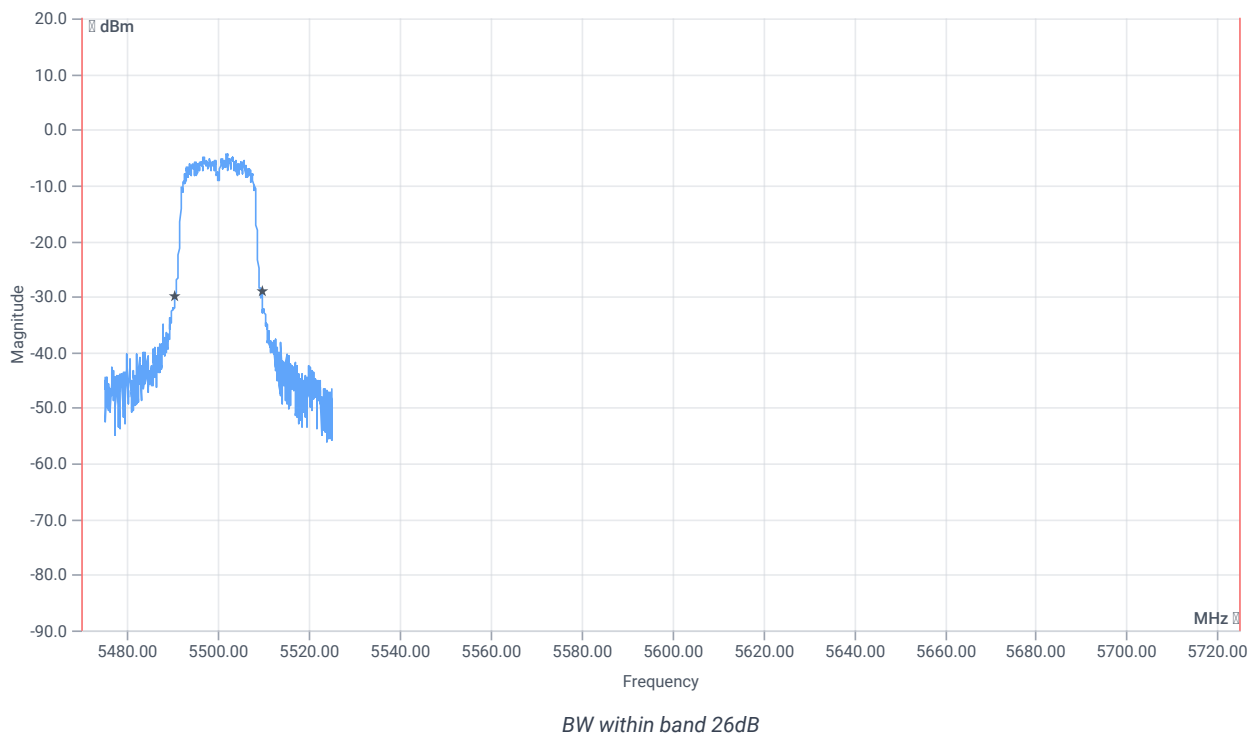
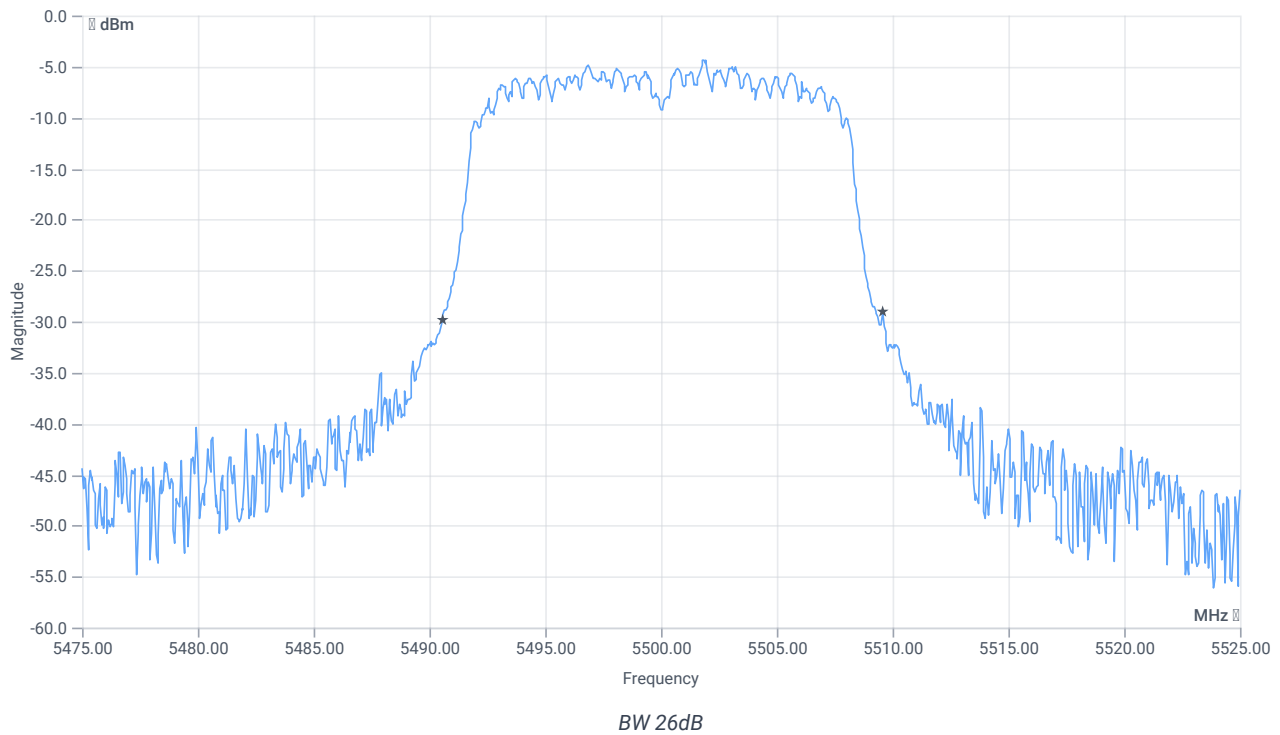




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5470.000000	---	5491.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5508.1419	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.05	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5490.5500	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5509.6000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 15:02:50
Ambit temp [°C] humidity [rel%]	28.0 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

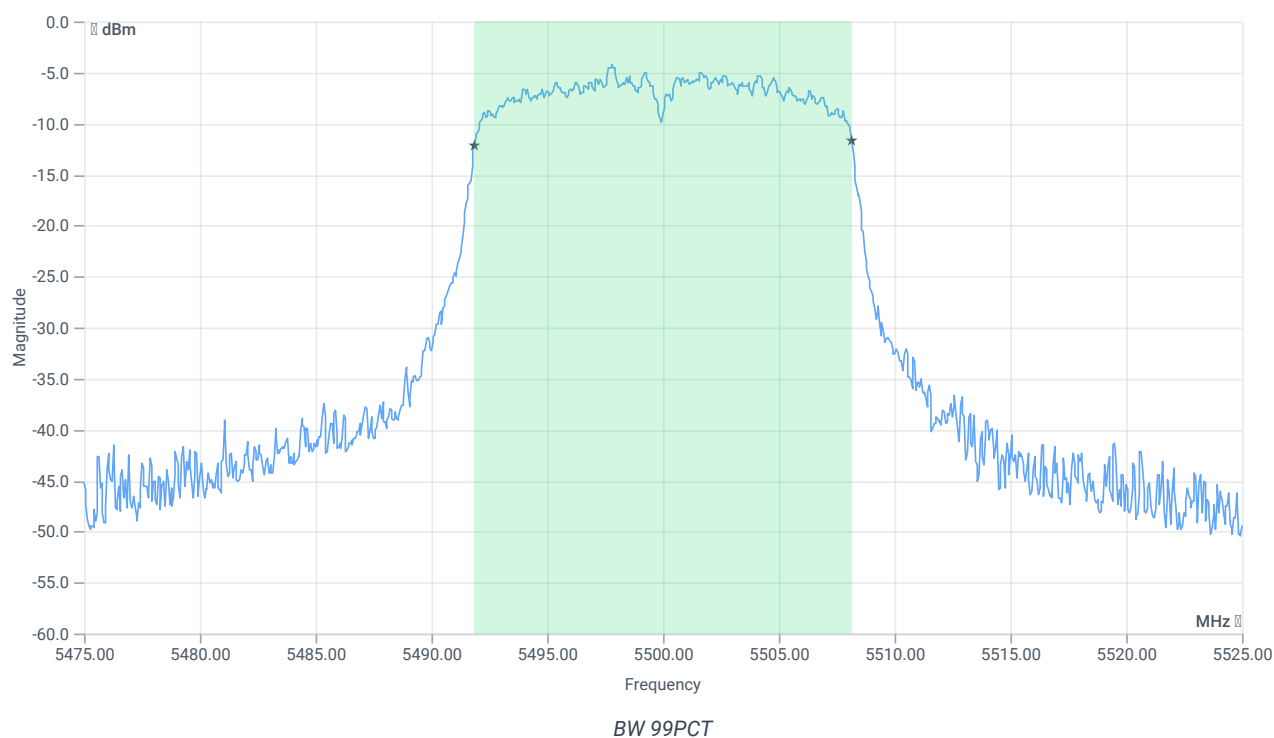
Test at TX 5500 MHz

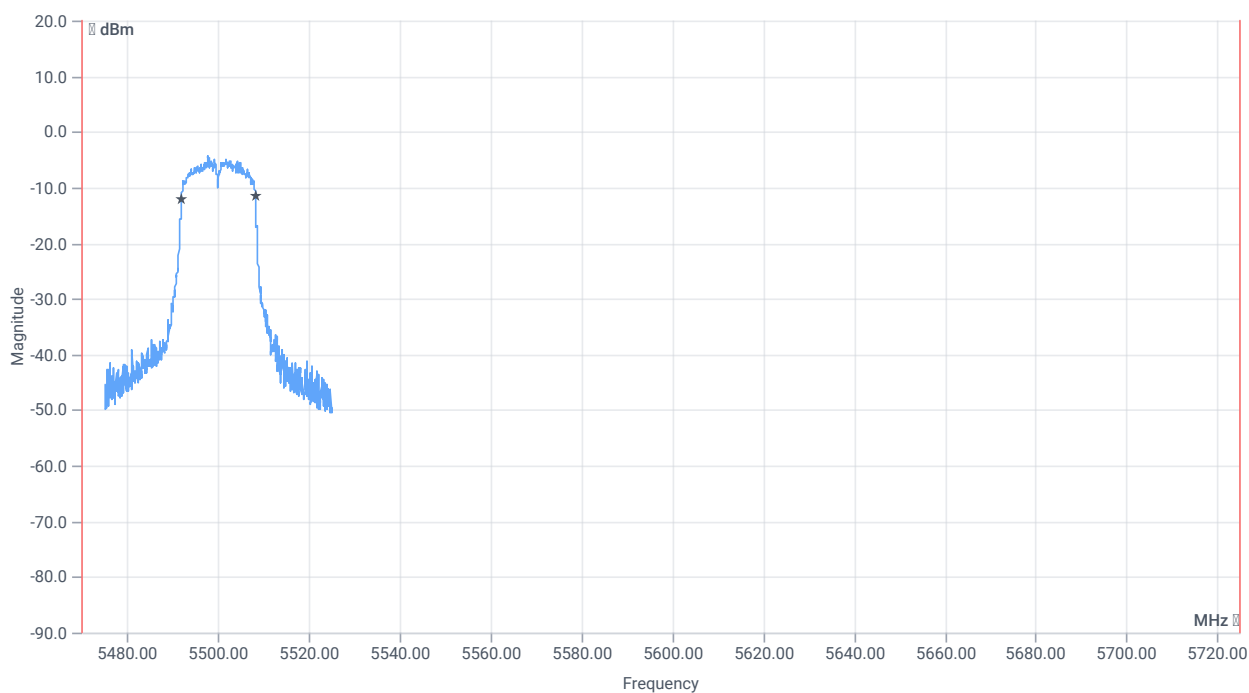
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.42	dBm	INFO
Ref. frequency	---	---	5497.400	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.42 13.42 15
Start [MHz] Stop [MHz]	5475.000 5525.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

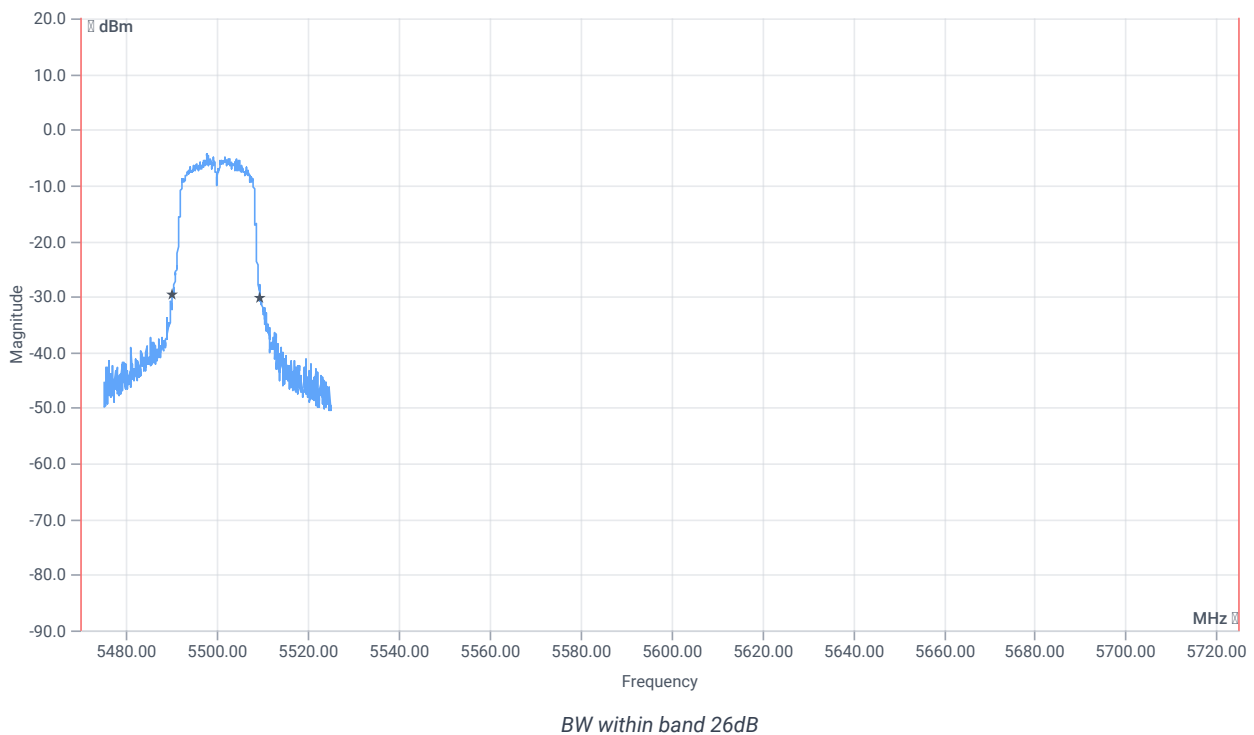
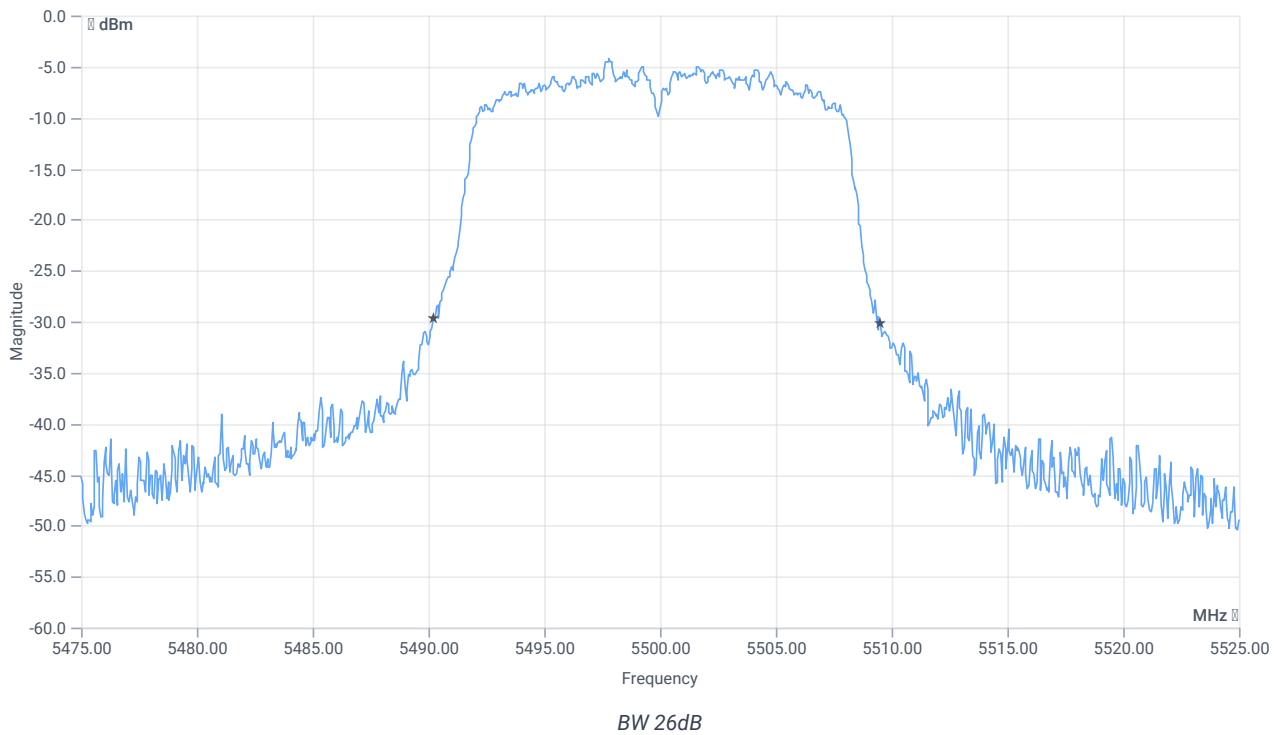




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5470.000000	---	5491.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5508.1419	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.3	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5490.2000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5509.5000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 15:06:54
Ambit temp [°C] humidity [rel%]	28.1 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	True Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

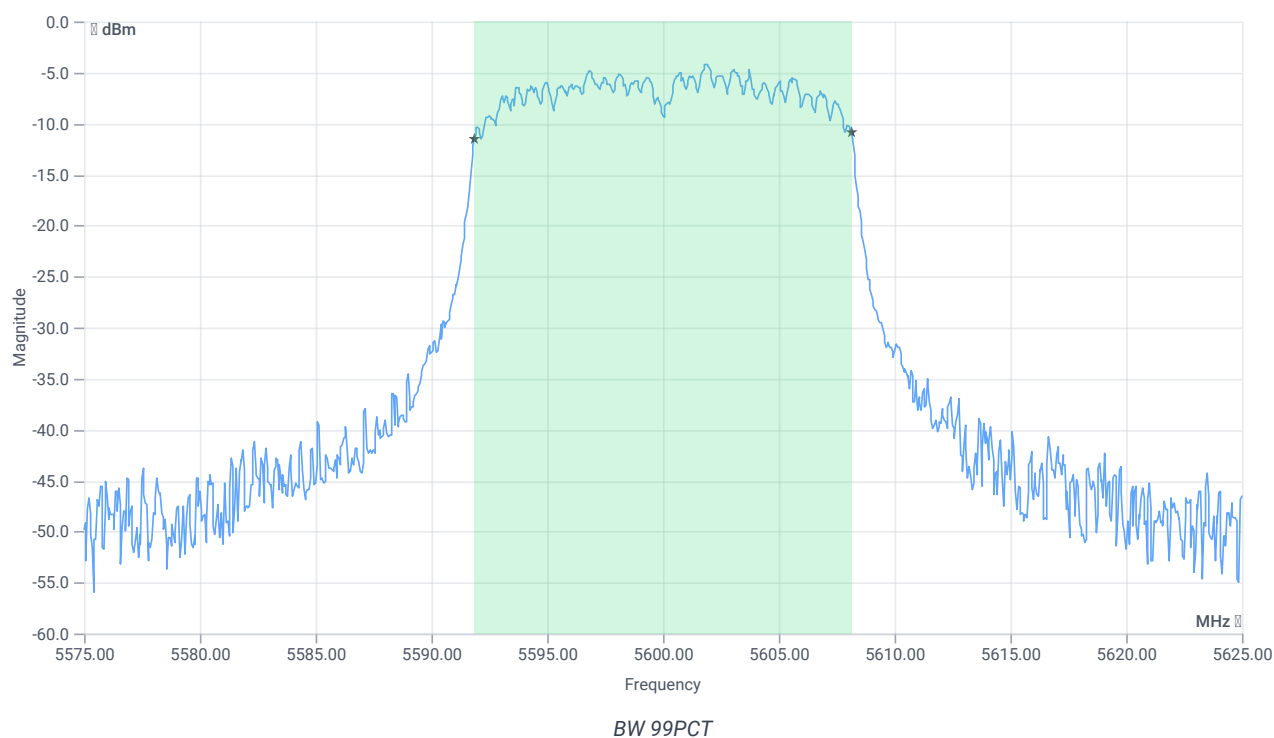
Test at TX 5600 MHz

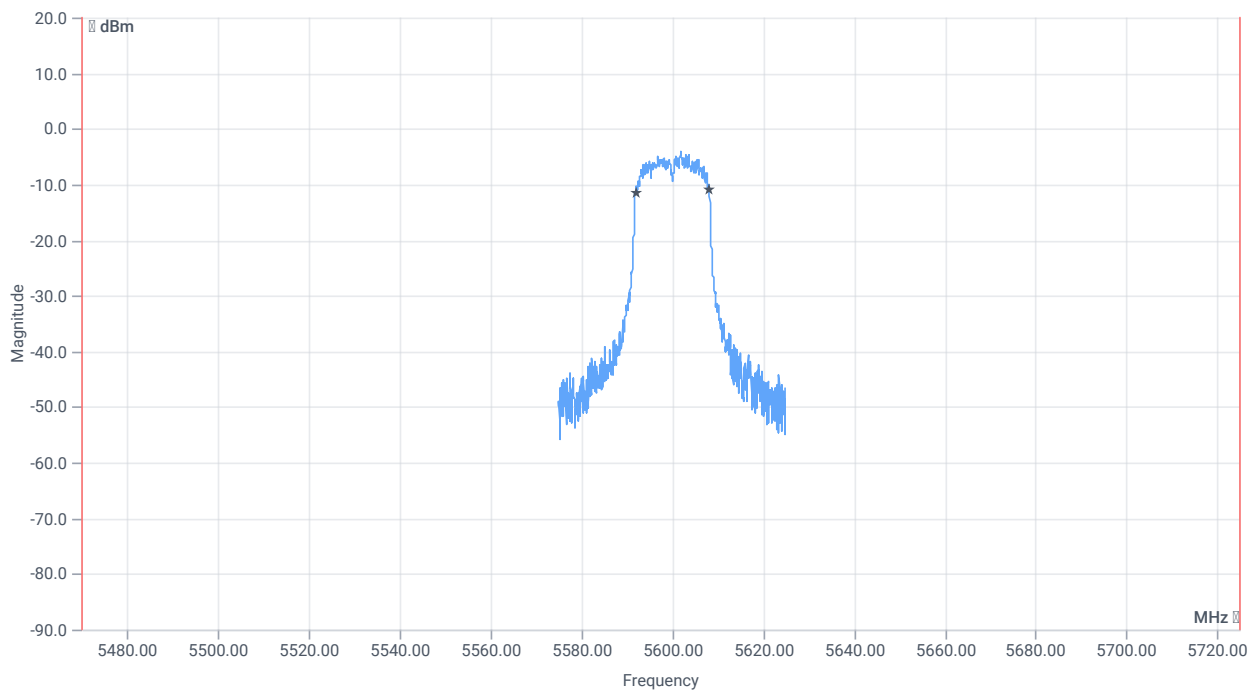
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.13	dBm	INFO
Ref. frequency	---	---	5605.390	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.13 13.81 10
Start [MHz] Stop [MHz]	5575.000 5625.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

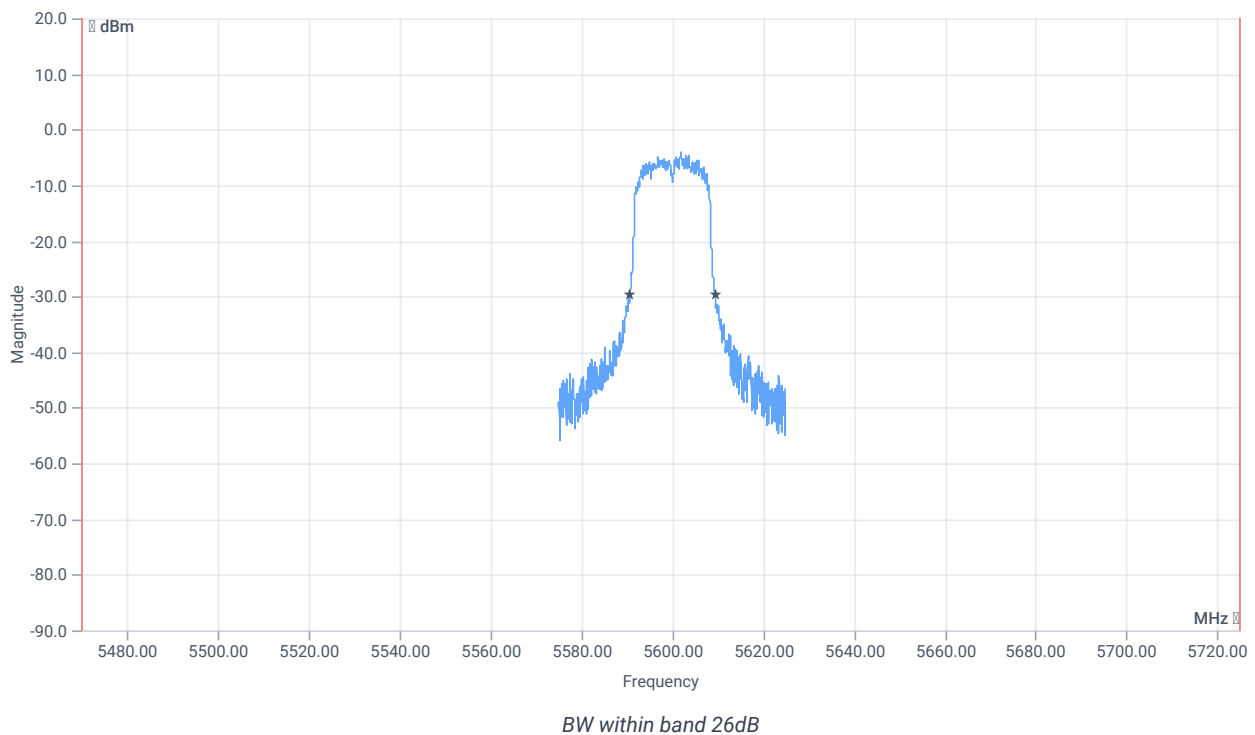
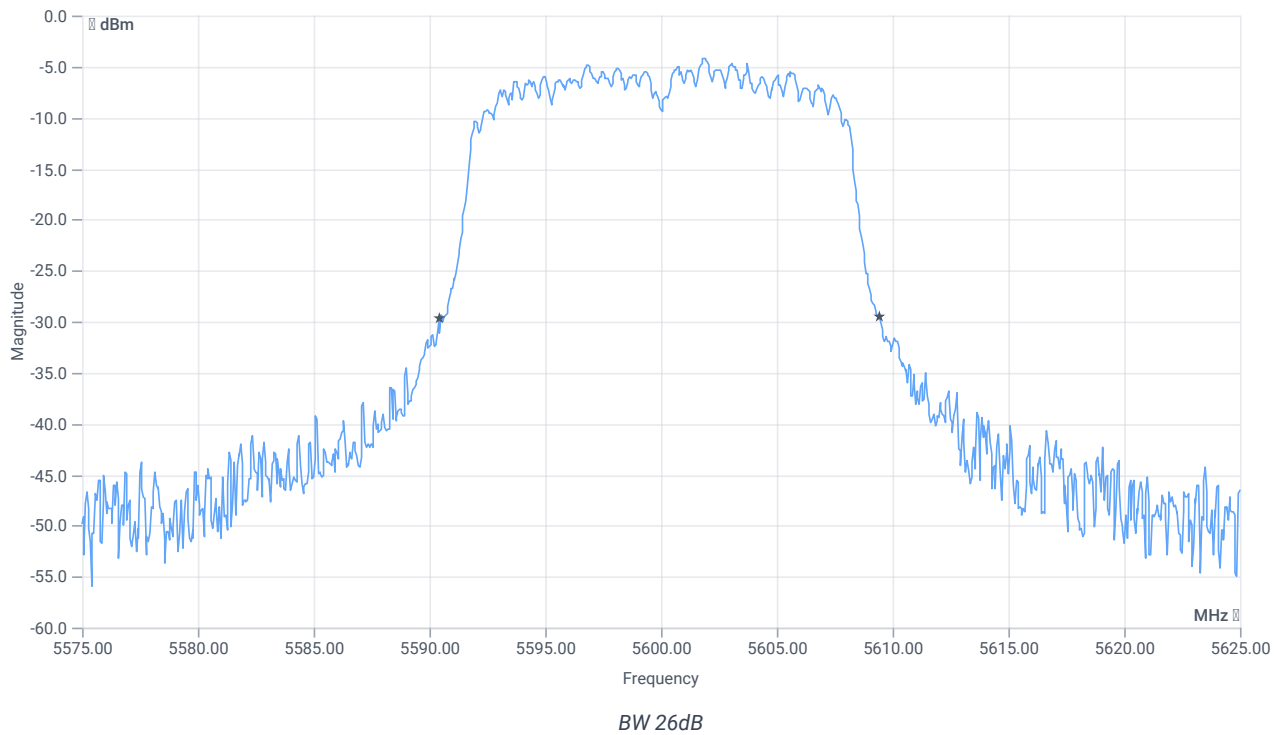




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5470.000000	---	5591.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.1419	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.05	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5590.4000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5609.4500	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 15:10:25
Ambit temp [°C] humidity [rel%]	28.1 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	True Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

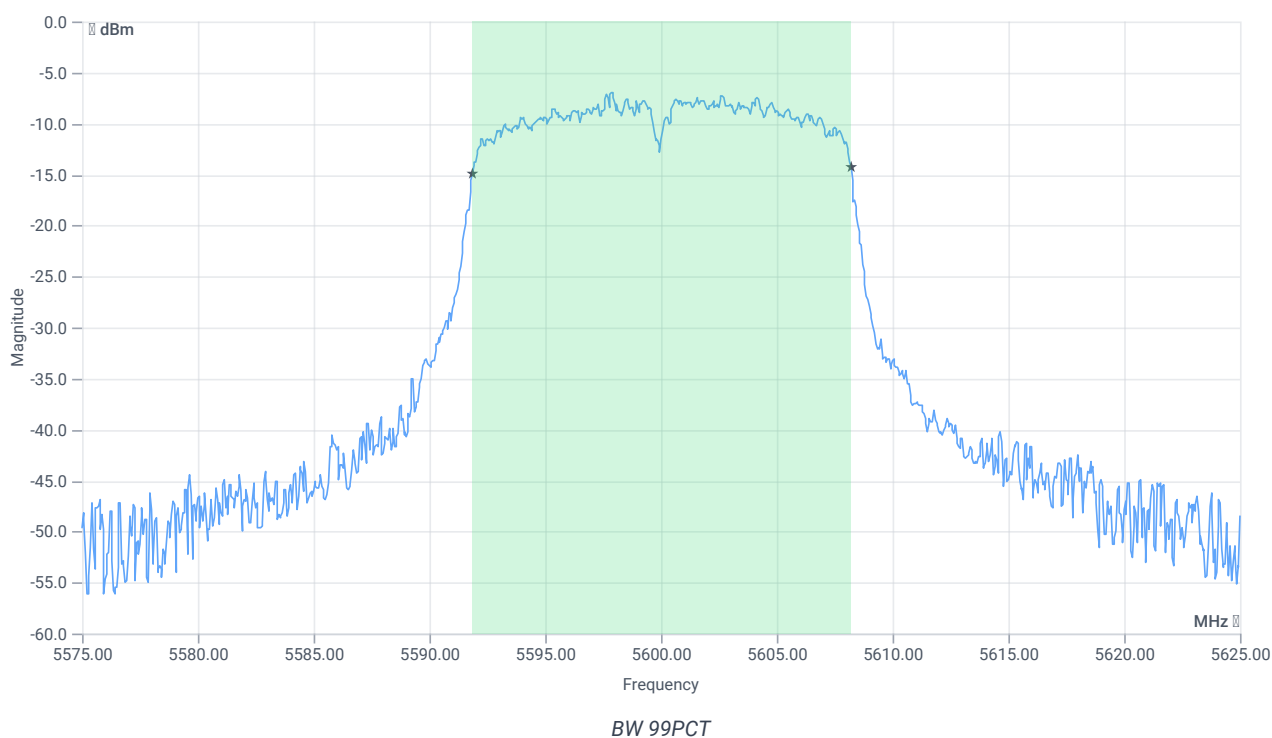
Test at TX 5600 MHz

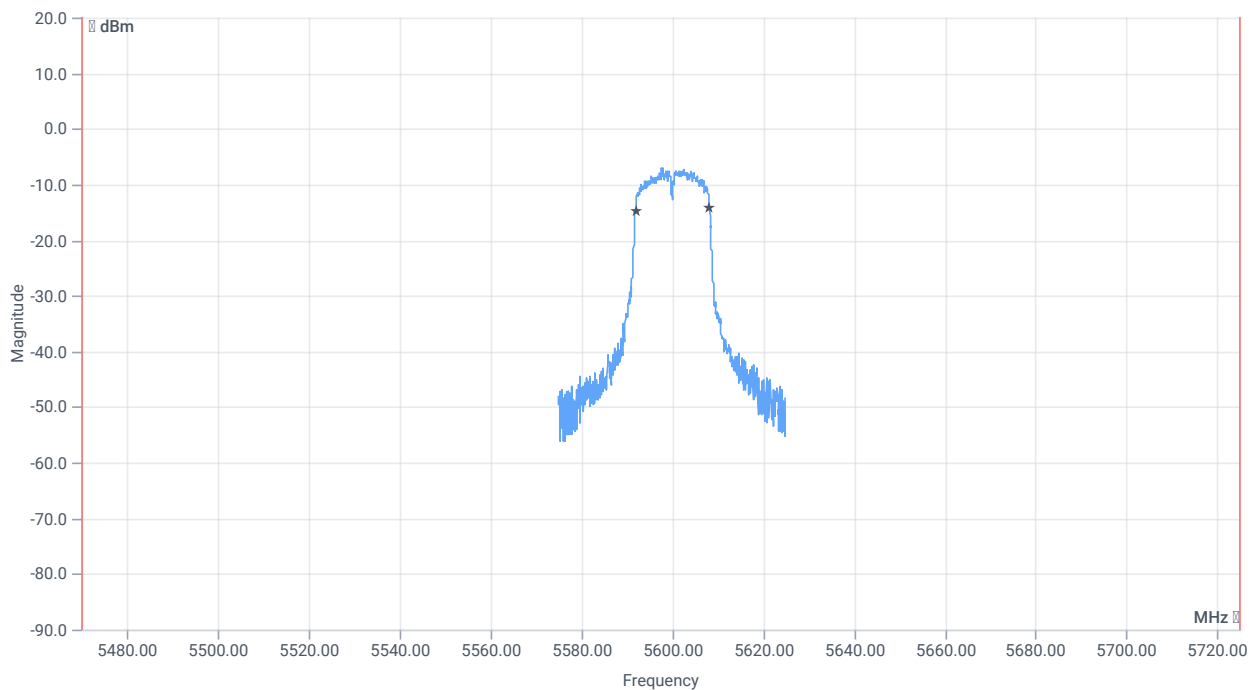
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.43	dBm	INFO
Ref. frequency	---	---	5597.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.57 13.5 10
Start [MHz] Stop [MHz]	5575.000 5625.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

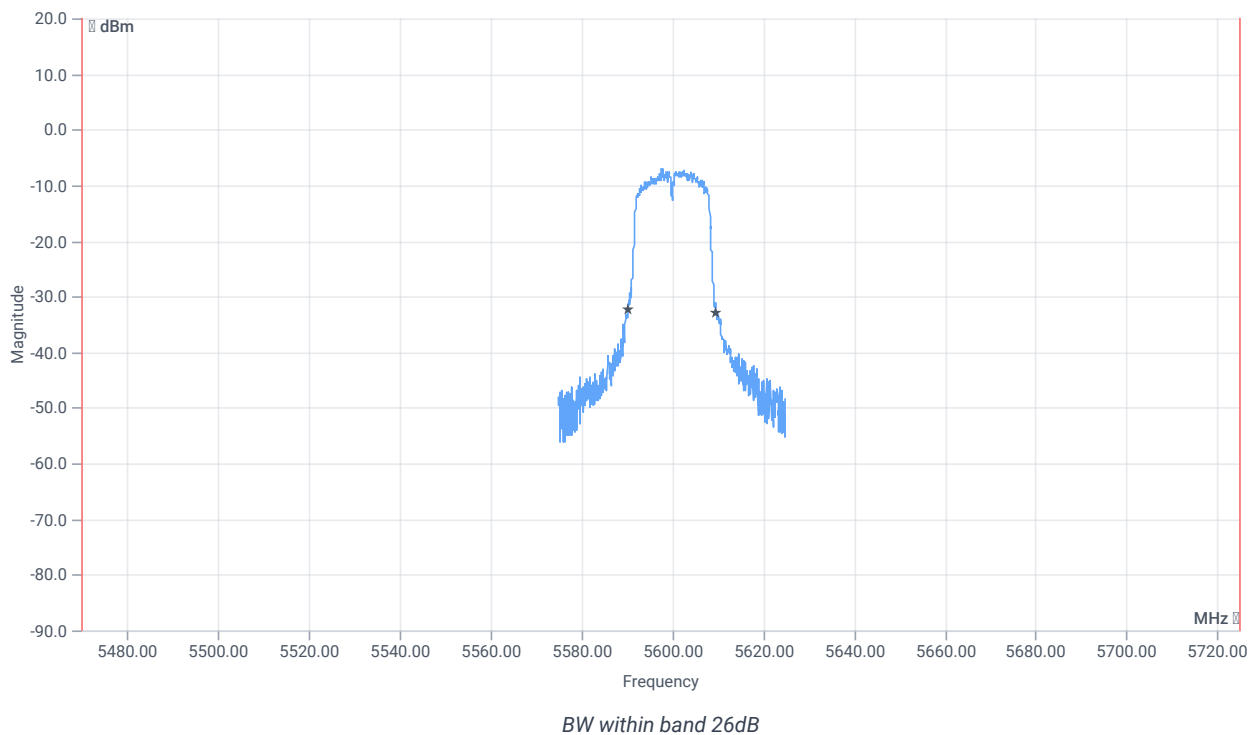
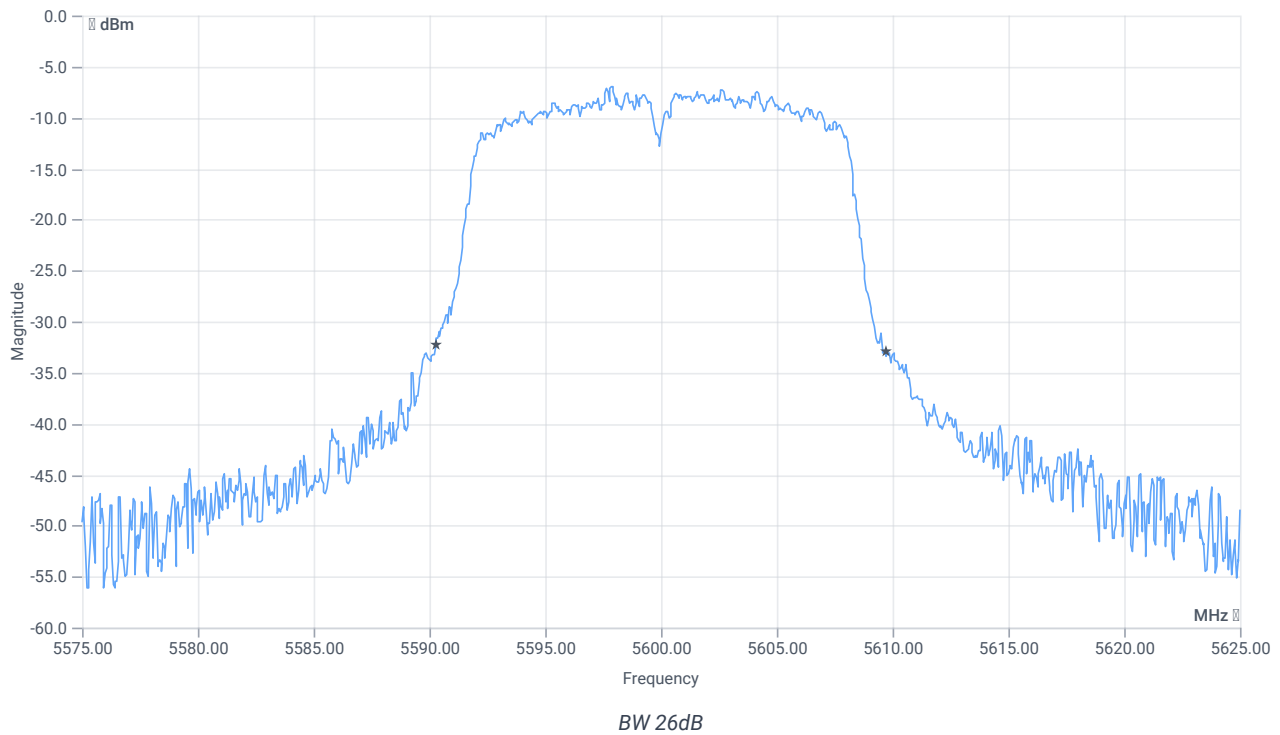




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5470.000000	---	5591.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.1918	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.45	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5590.2500	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5609.7000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 15:15:07
Ambit temp [°C] humidity [rel%]	28.1 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	True Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

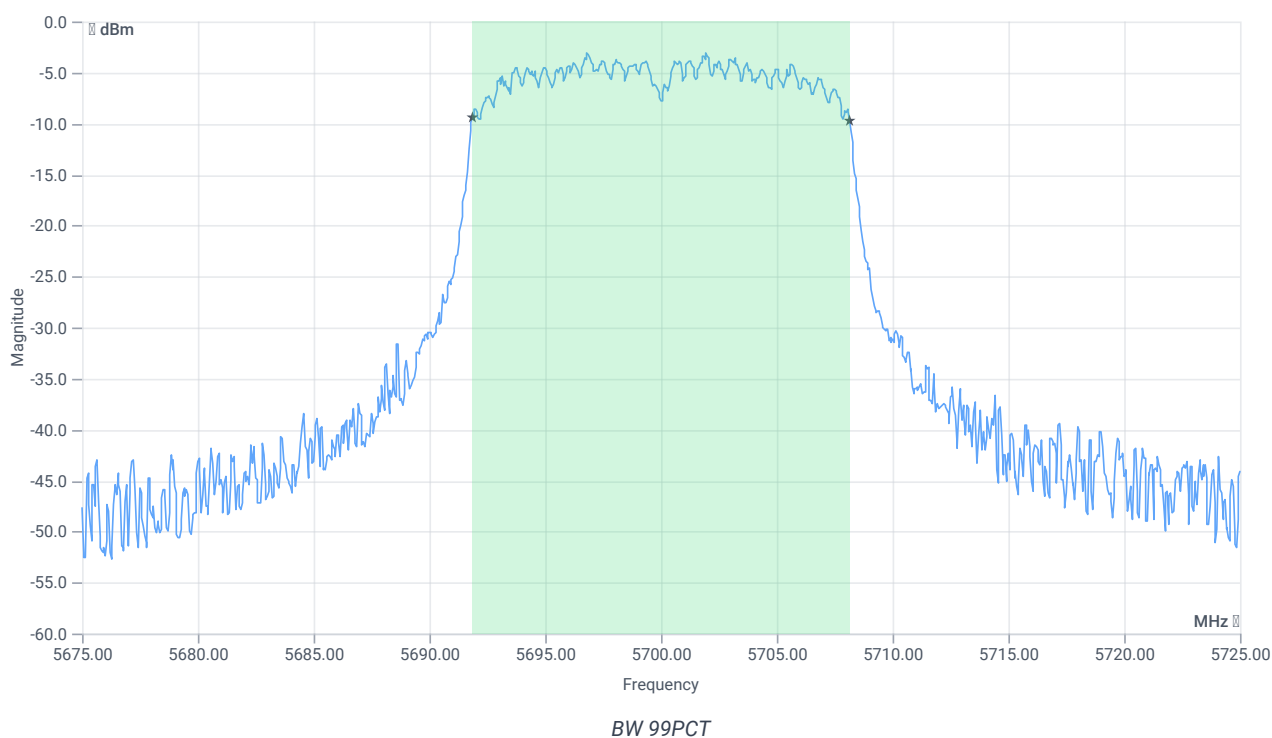
Test at TX 5700 MHz

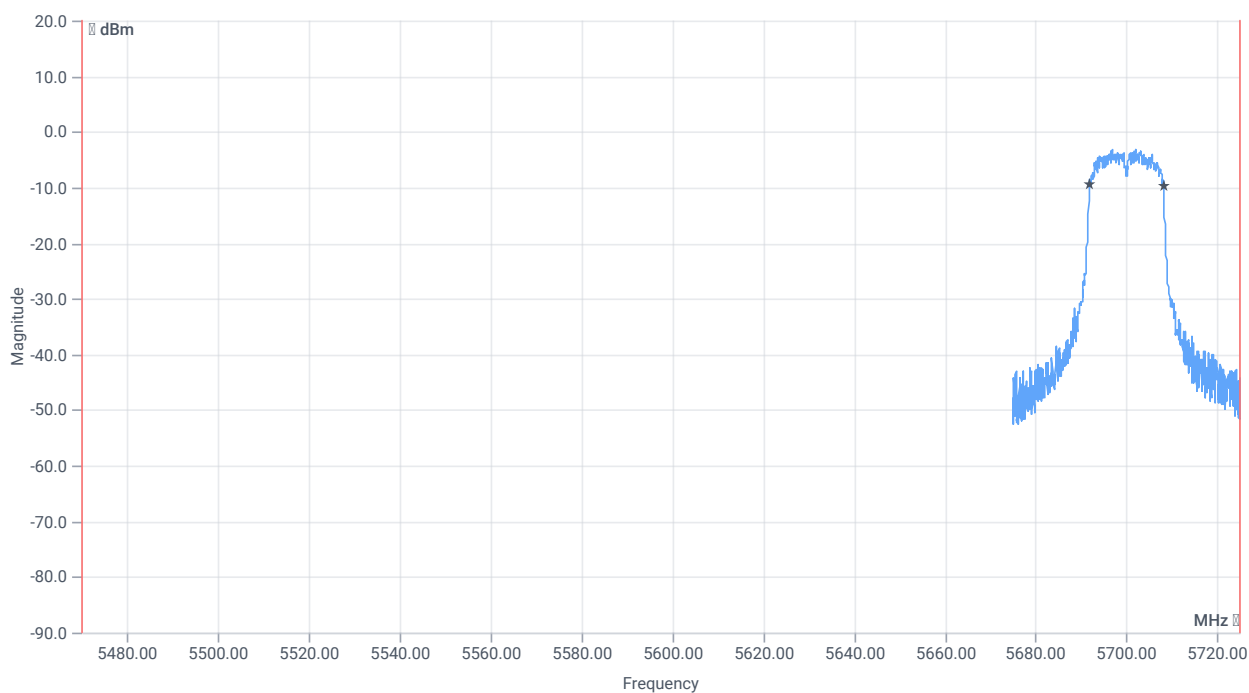
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.76	dBm	INFO
Ref. frequency	---	---	5697.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.76 13.47 15
Start [MHz] Stop [MHz]	5675.000 5725.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

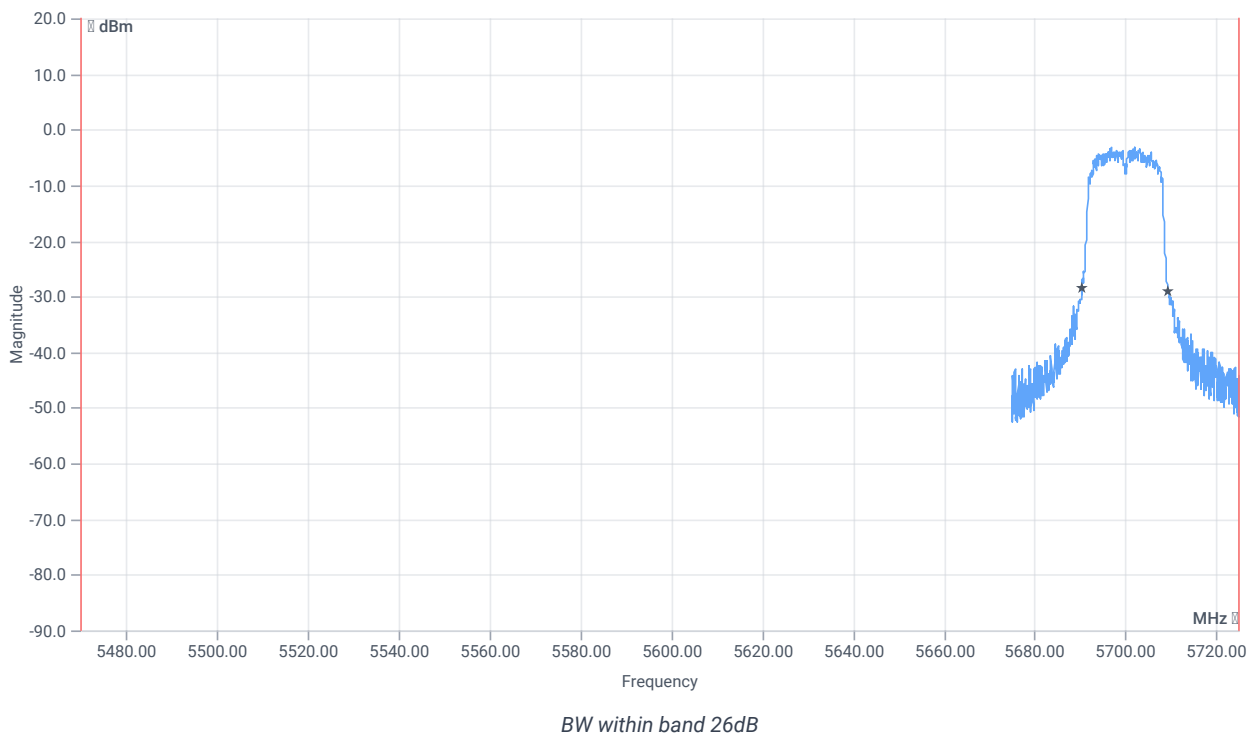
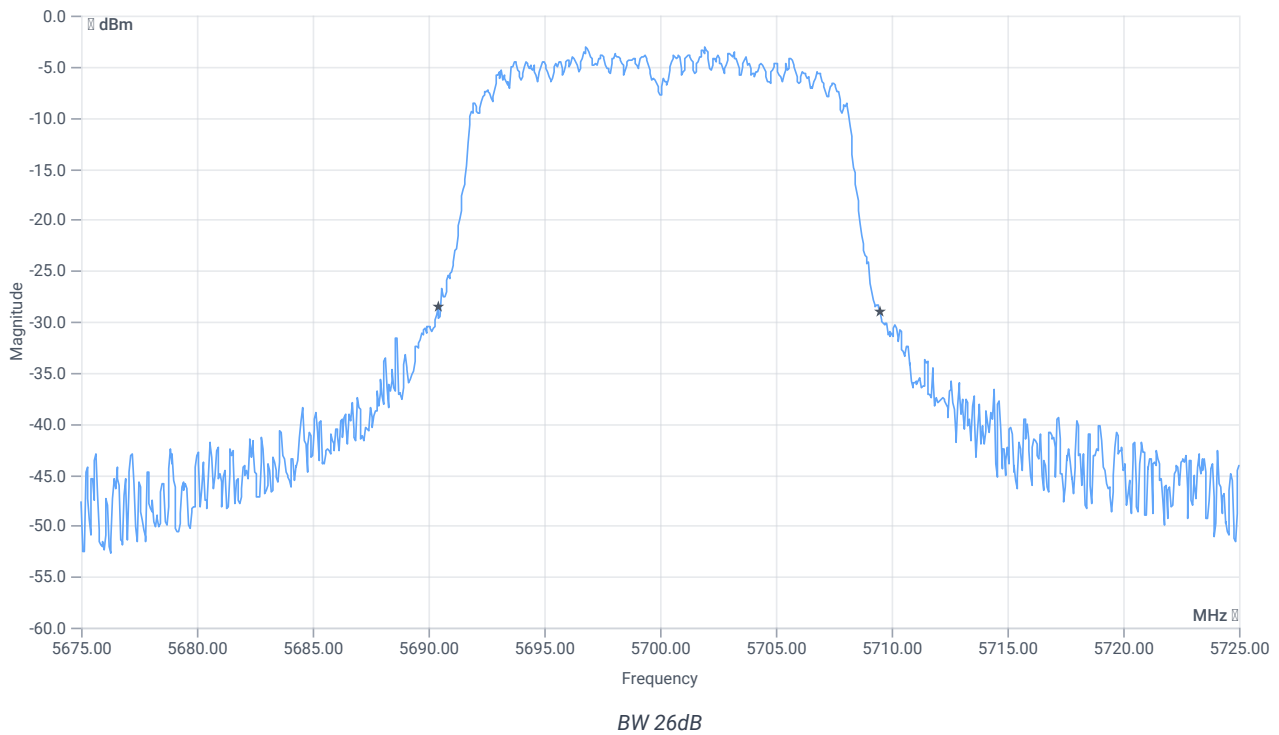




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.284	MHz	INFO
T1 99%	5470.000000	---	5691.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5708.1419	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.1	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5690.4000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5709.5000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx a mode U-NII-2C

References

TC start	14.05.2024 15:18:34
Ambit temp [°C] humidity [rel%]	28.1 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	True Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

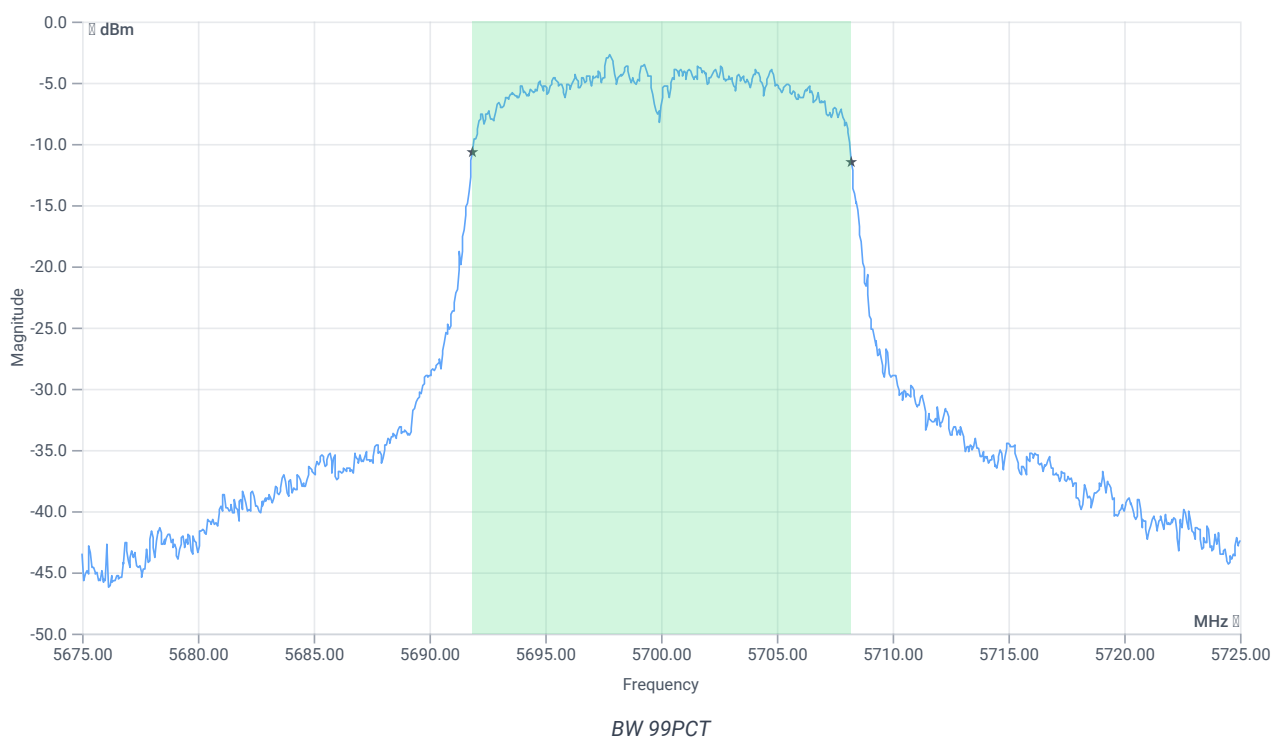
Test at TX 5700 MHz

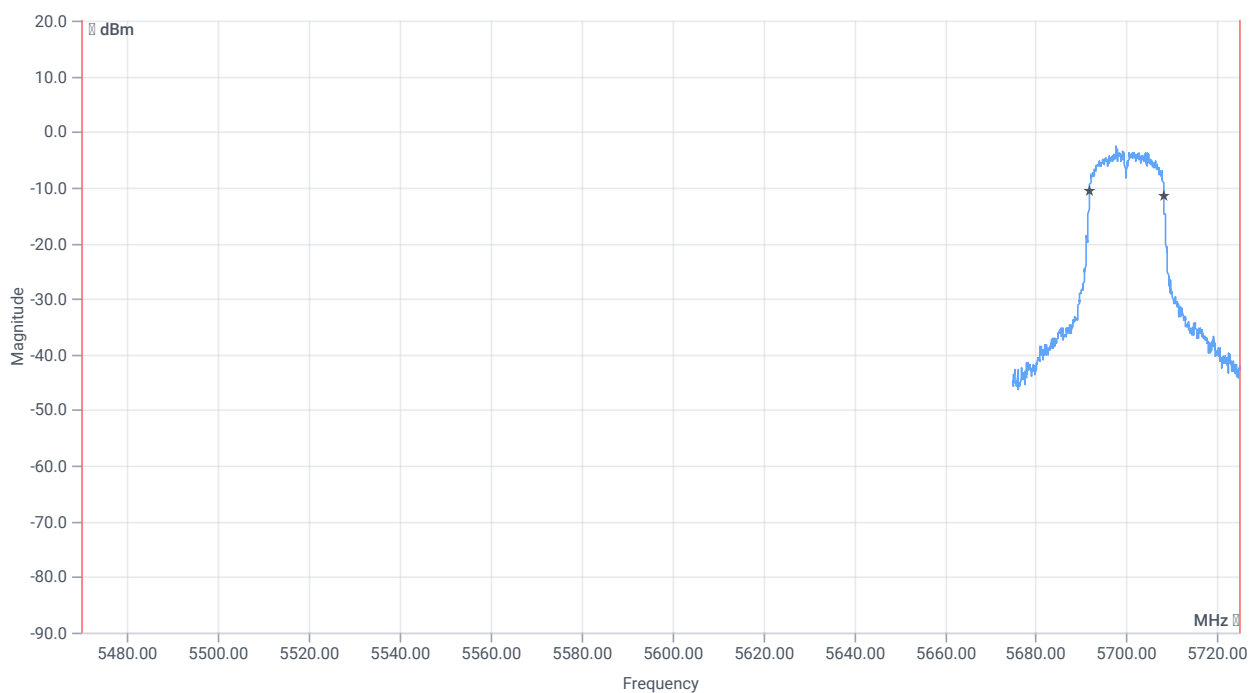
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.19	dBm	INFO
Ref. frequency	---	---	5696.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.19 13.43 15
Start [MHz] Stop [MHz]	5675.000 5725.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

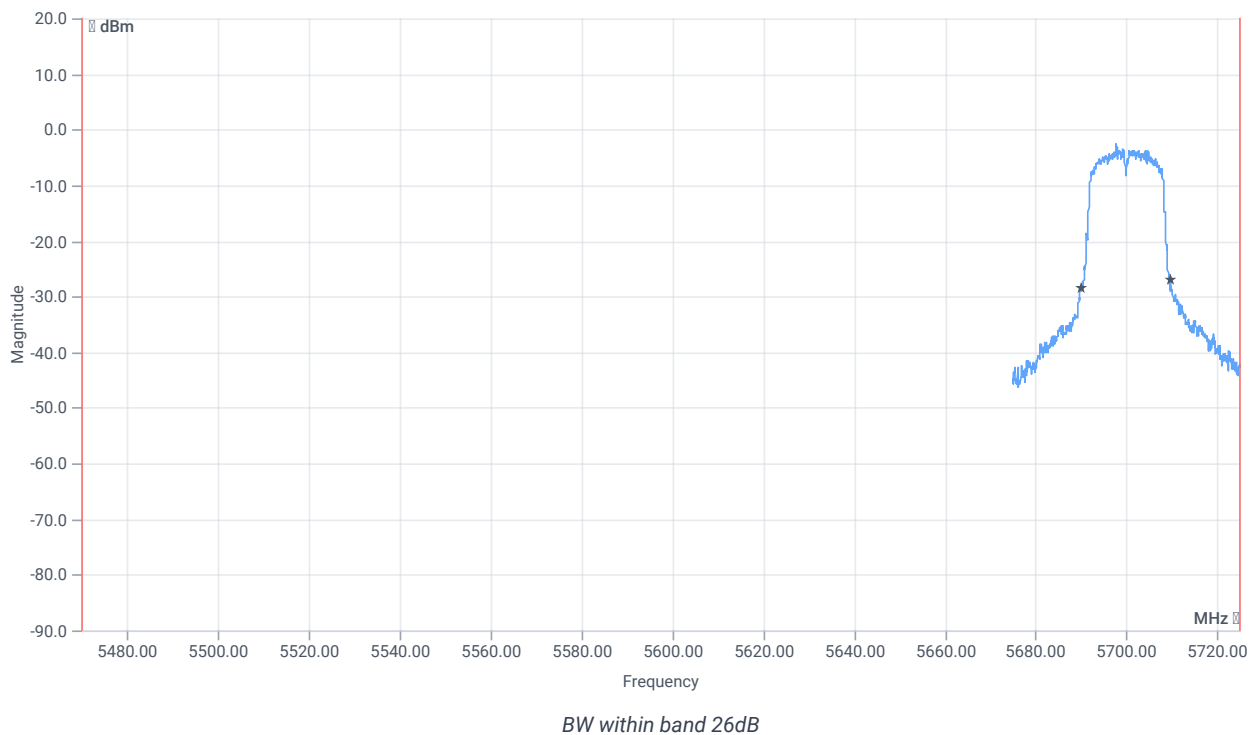
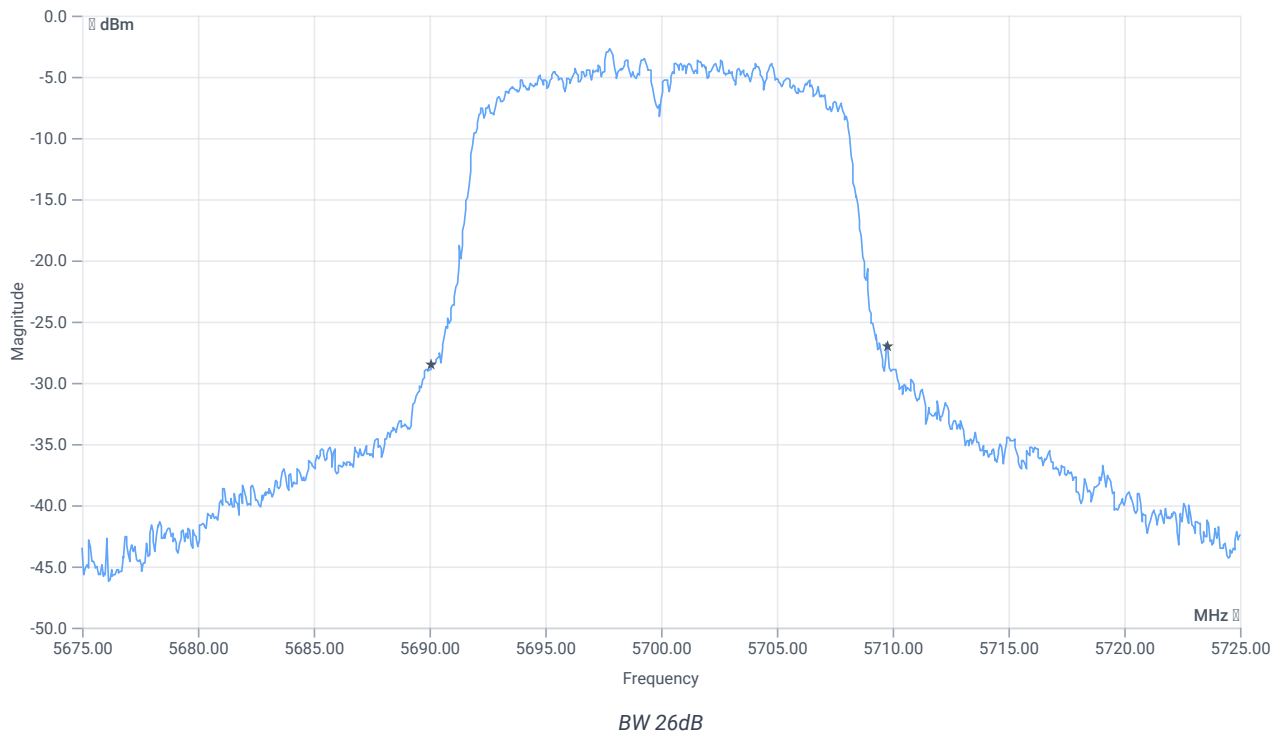




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.334	MHz	INFO
T1 99%	5470.000000	---	5691.8581	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5708.1918	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	19.7	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5690.1000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5709.8000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:22:54
Ambit temp [°C] humidity [rel%]	28.2 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

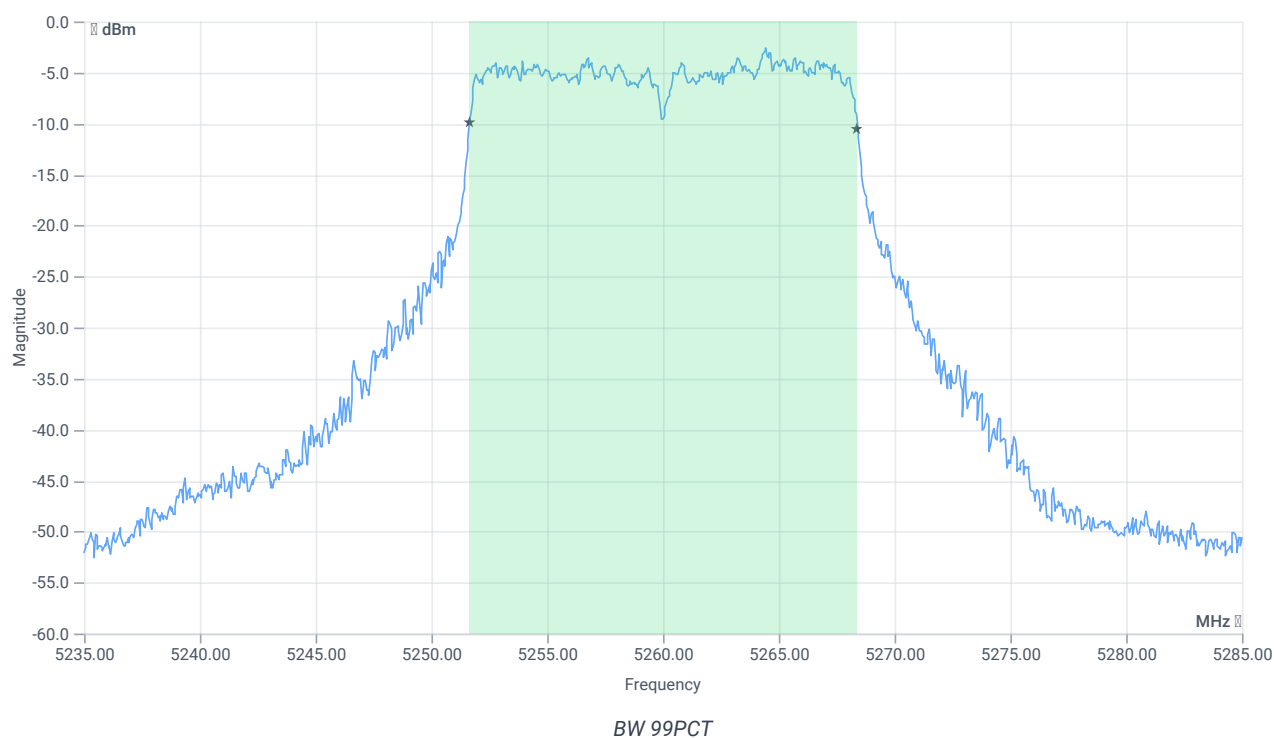
Test at TX 5260 MHz

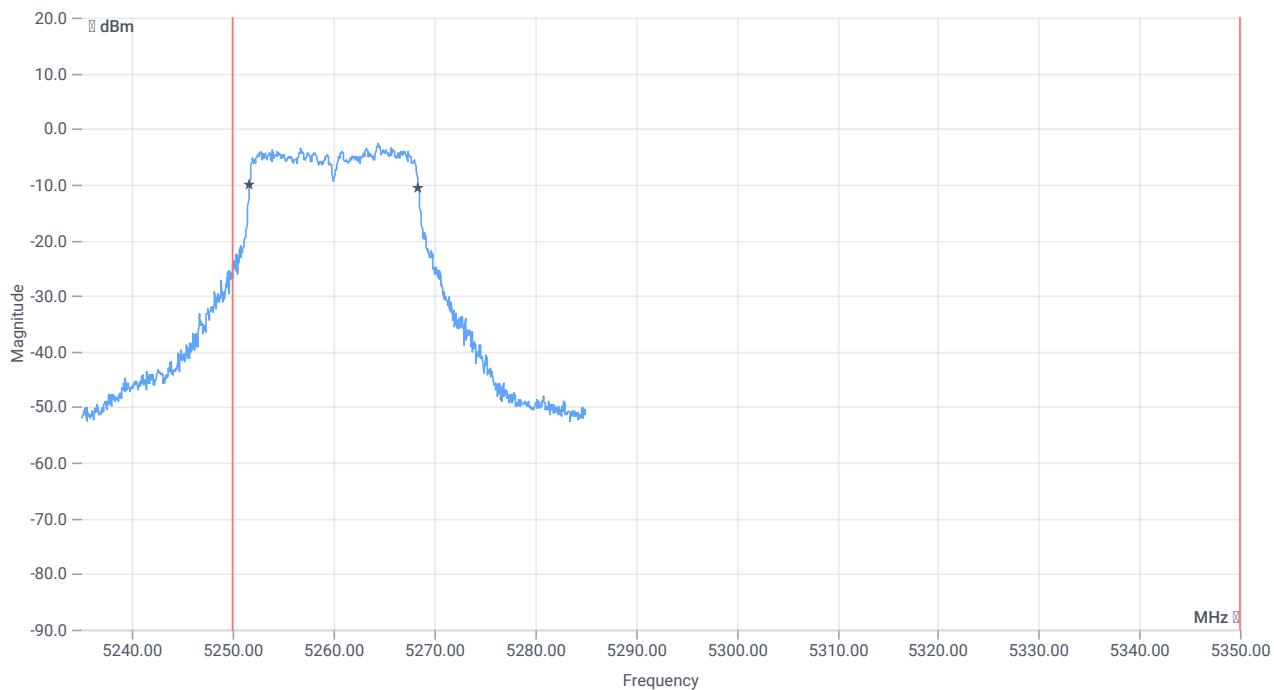
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.14	dBm	INFO
Ref. frequency	---	---	5256.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.14 13.25 15
Start [MHz] Stop [MHz]	5235.000 5285.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

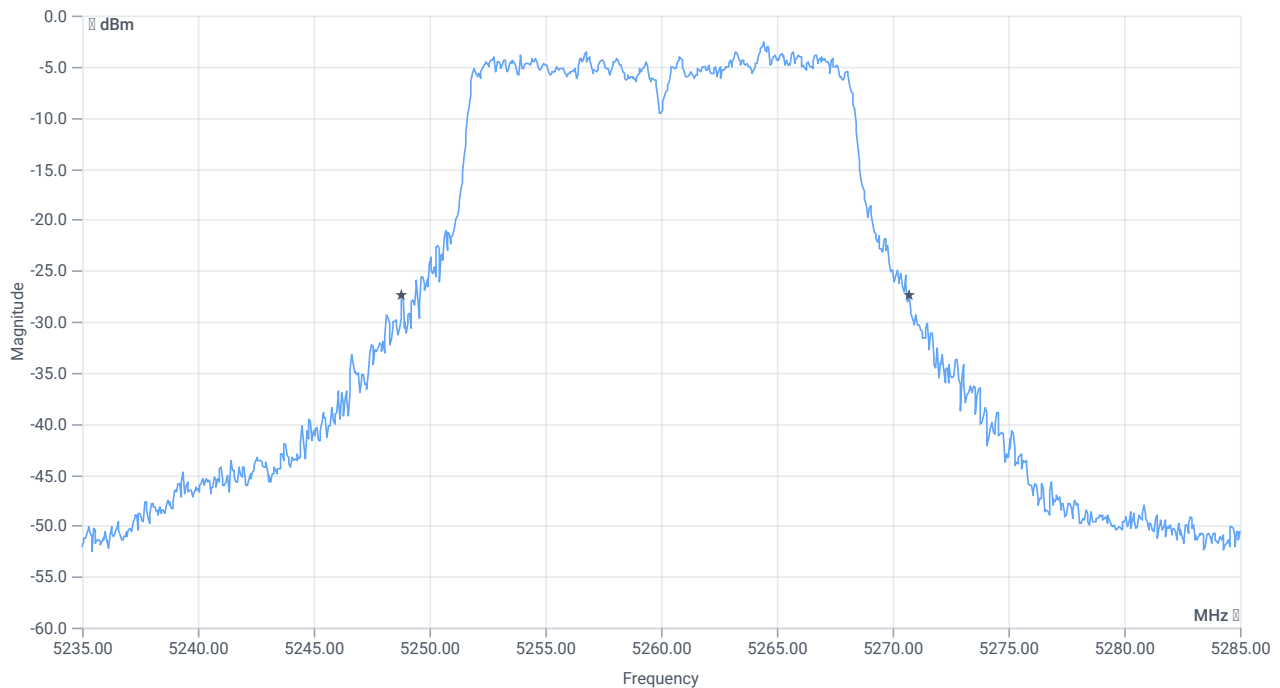




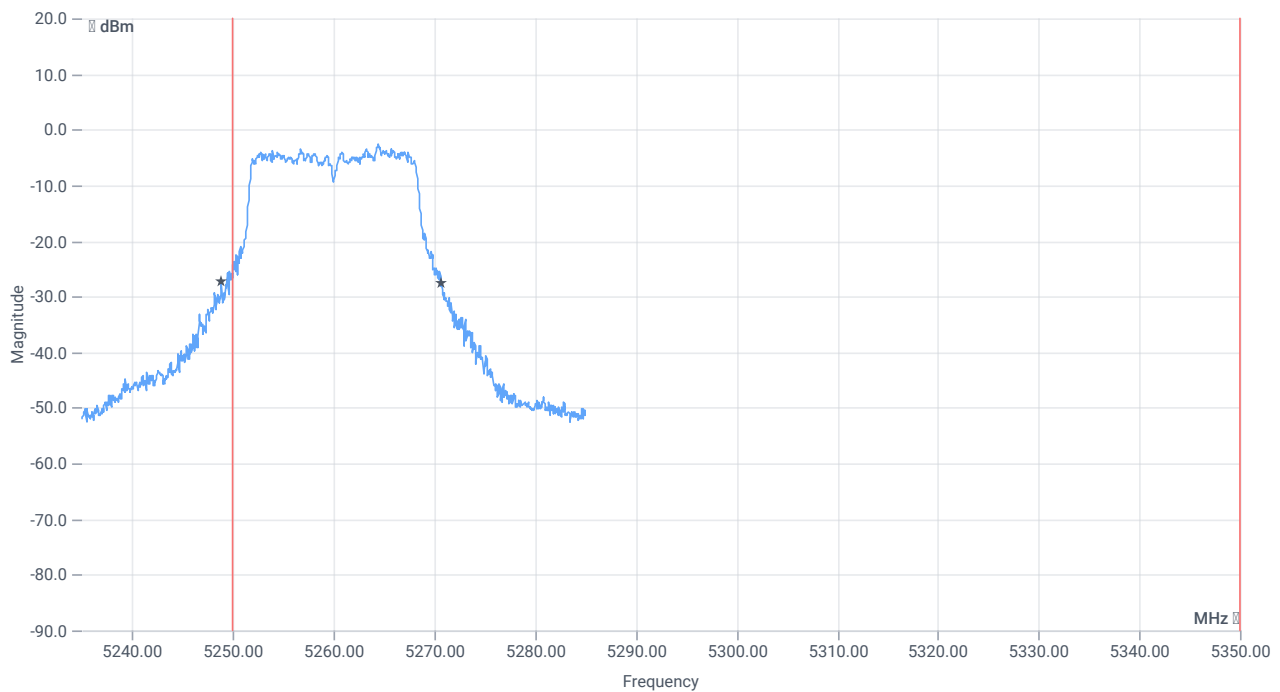
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5250.000000	---	5251.6583	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5268.3916	MHz	PASS



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.9	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5248.8000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5270.7000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:26:24
Ambit temp [°C] humidity [rel%]	28.2 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

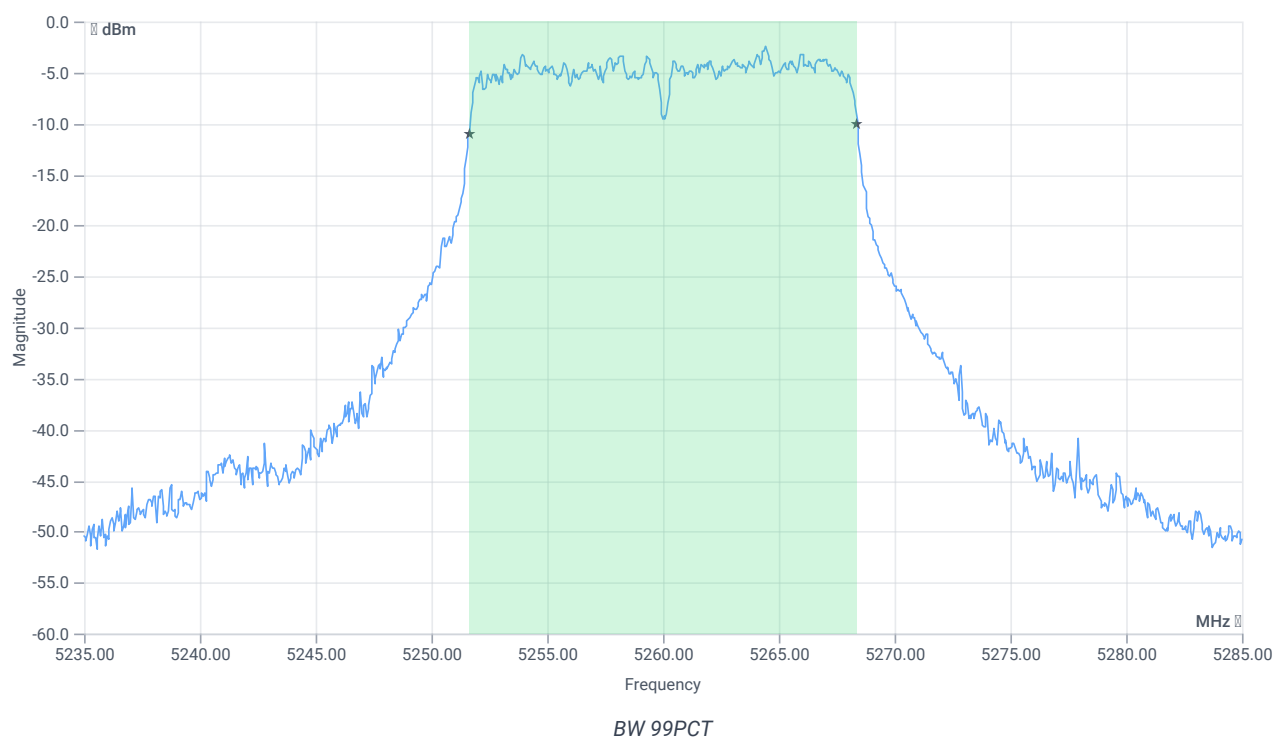
Test at TX 5260 MHz

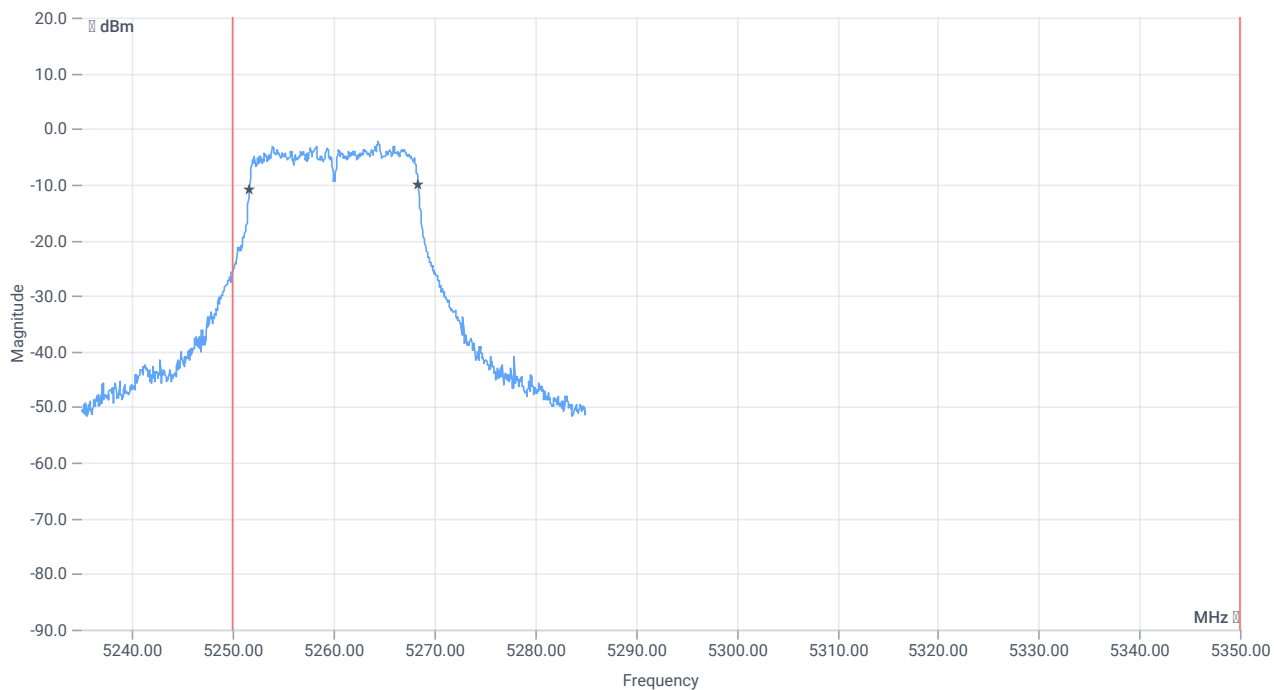
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.38	dBm	INFO
Ref. frequency	---	---	5256.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.38 13.04 15
Start [MHz] Stop [MHz]	5235.000 5285.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

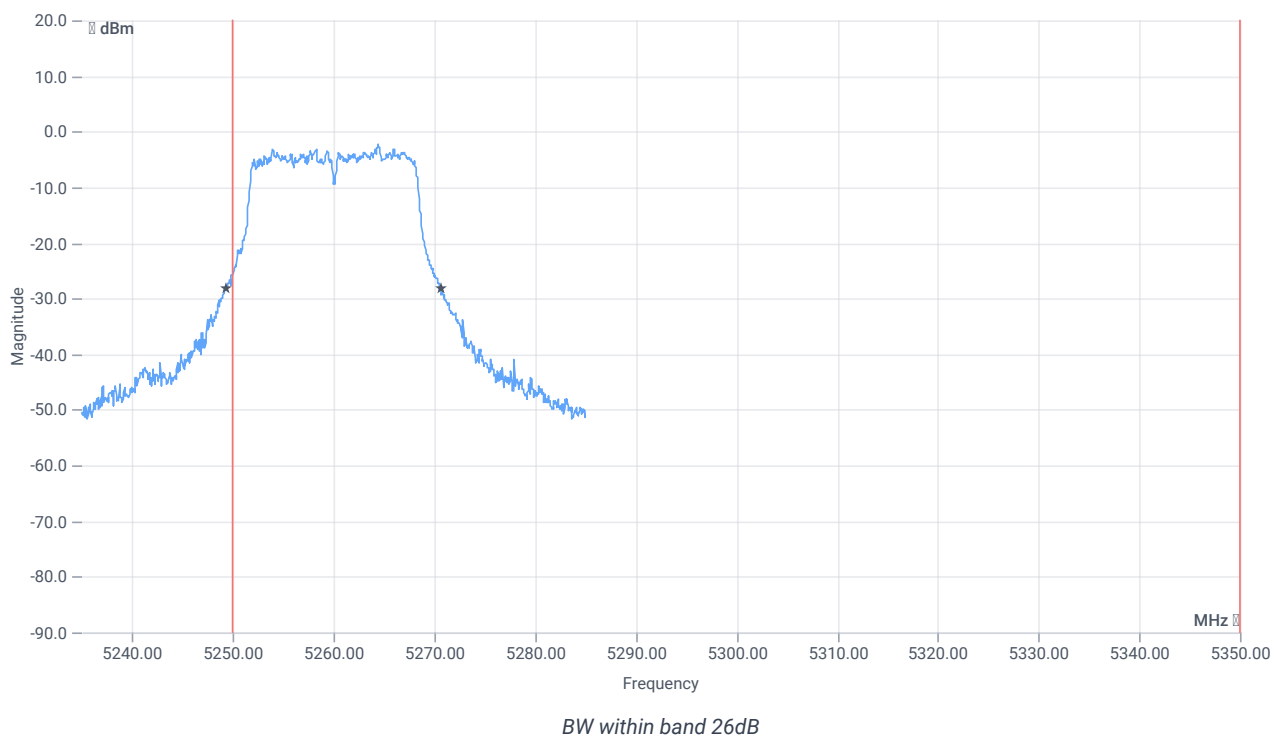
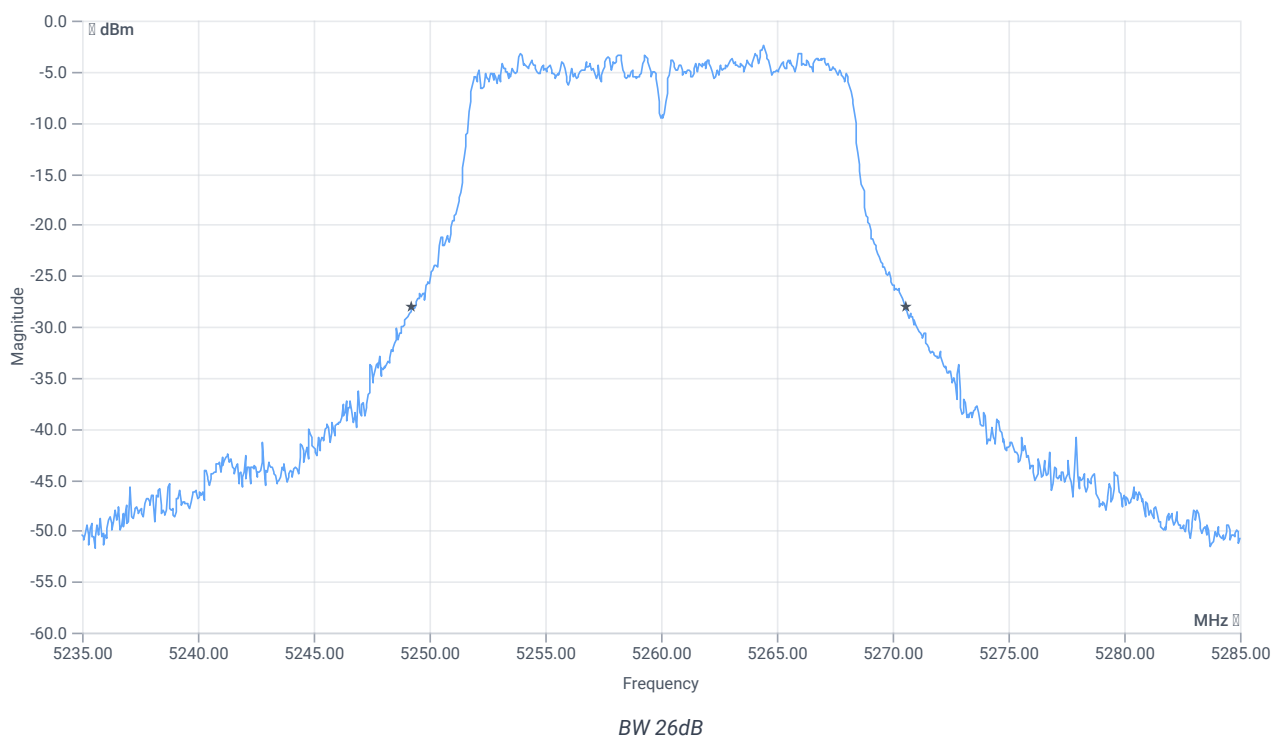




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5250.000000	---	5251.6583	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5268.3916	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.35	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5249.2500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5270.6000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:30:21
Ambit temp [°C] humidity [rel%]	28.2 40
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	True Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

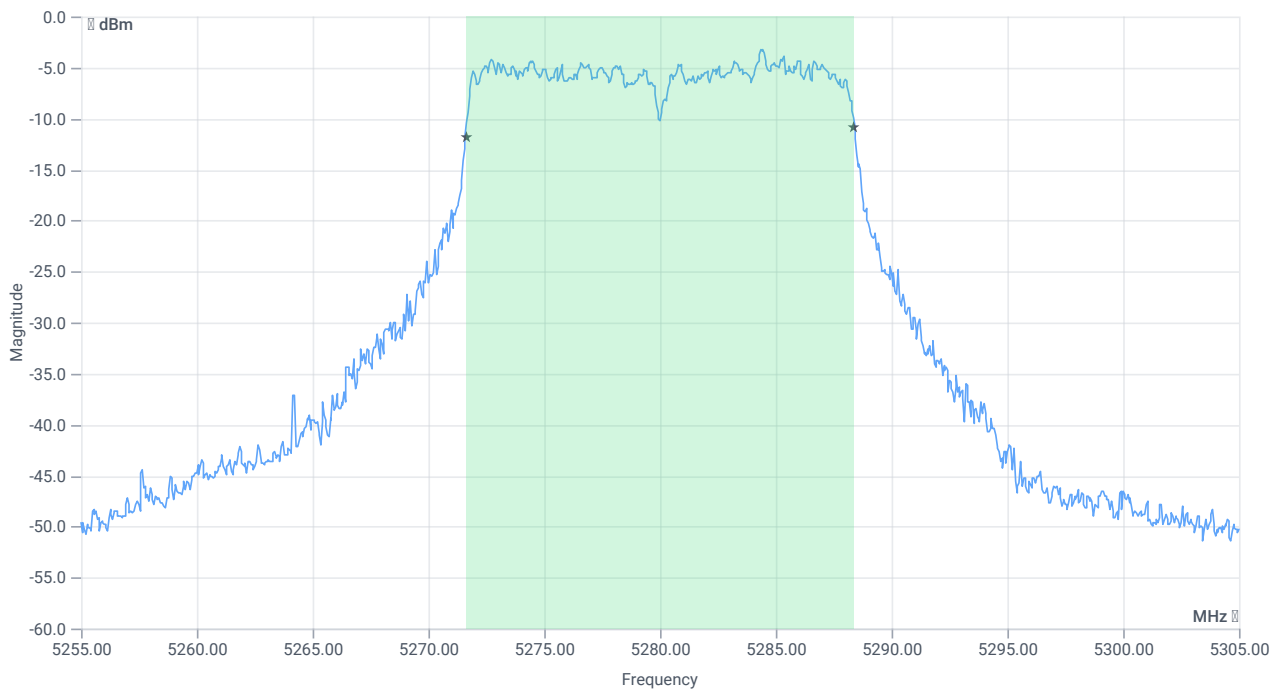
Test at TX 5280 MHz

RESULT: Reference power cond.

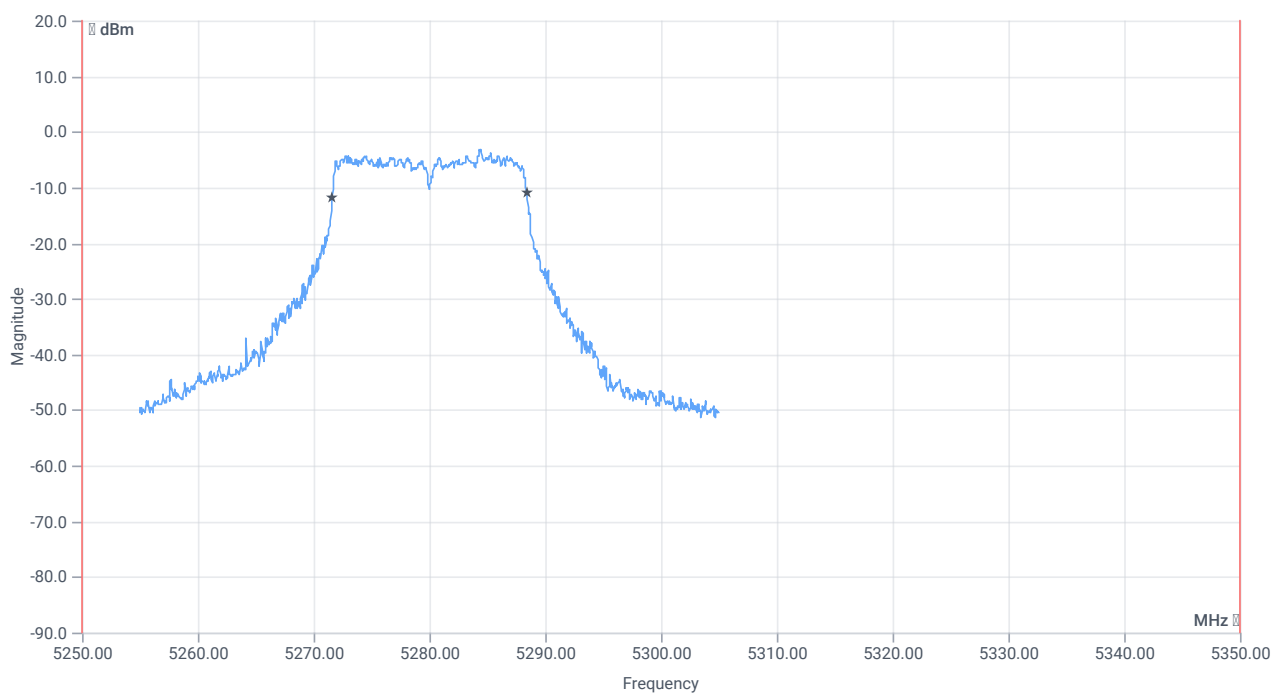
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.47	dBm	INFO
Ref. frequency	---	---	5276.800	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.47 13.29 15
Start [MHz] Stop [MHz]	5255.000 5305.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



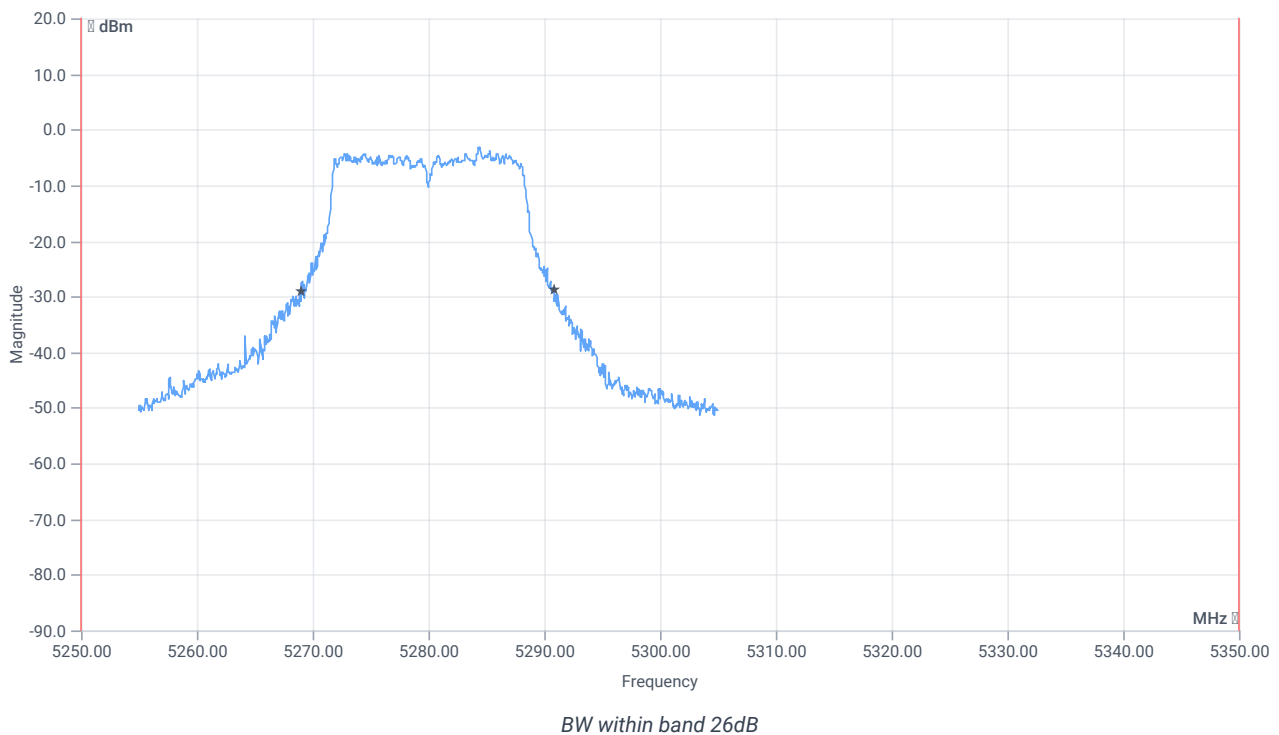
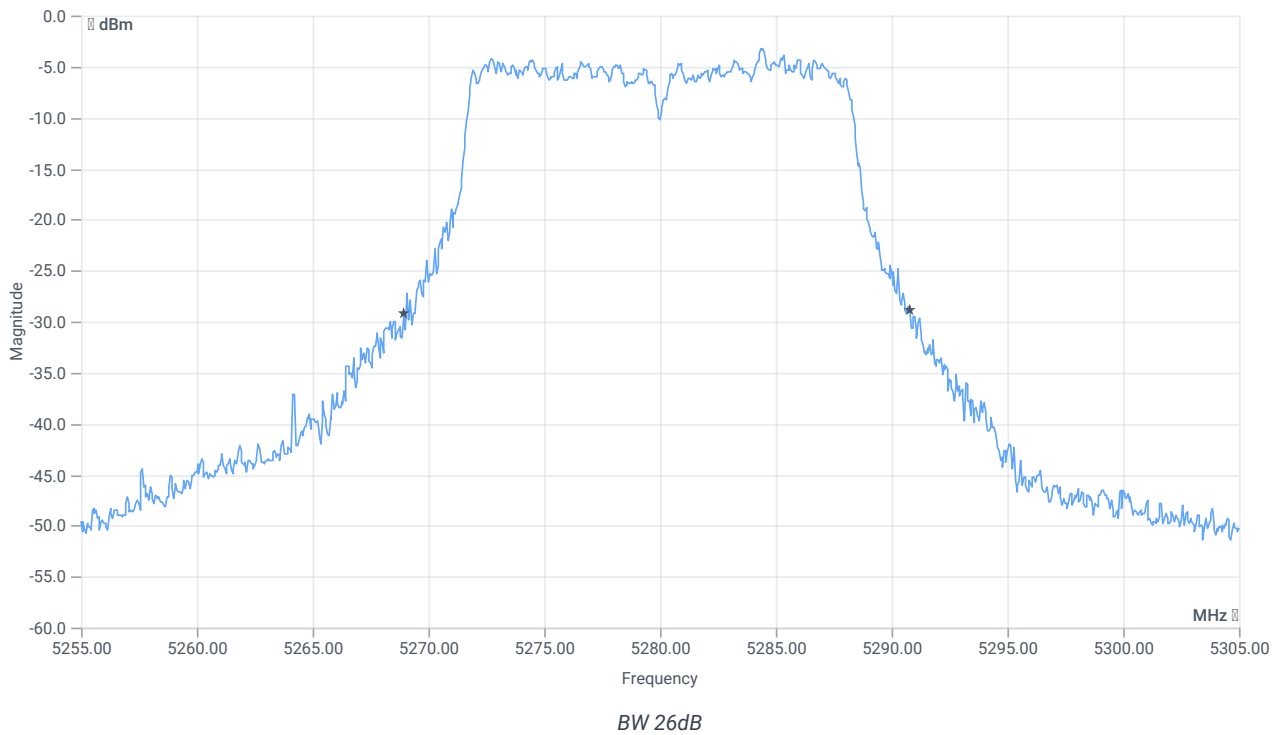
BW 99PCT



BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5250.000000	---	5271.6084	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.3916	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.85	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5268.9500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5290.8000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:33:52
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	True Freq [MHz] 5280
Frequency high to test	False Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

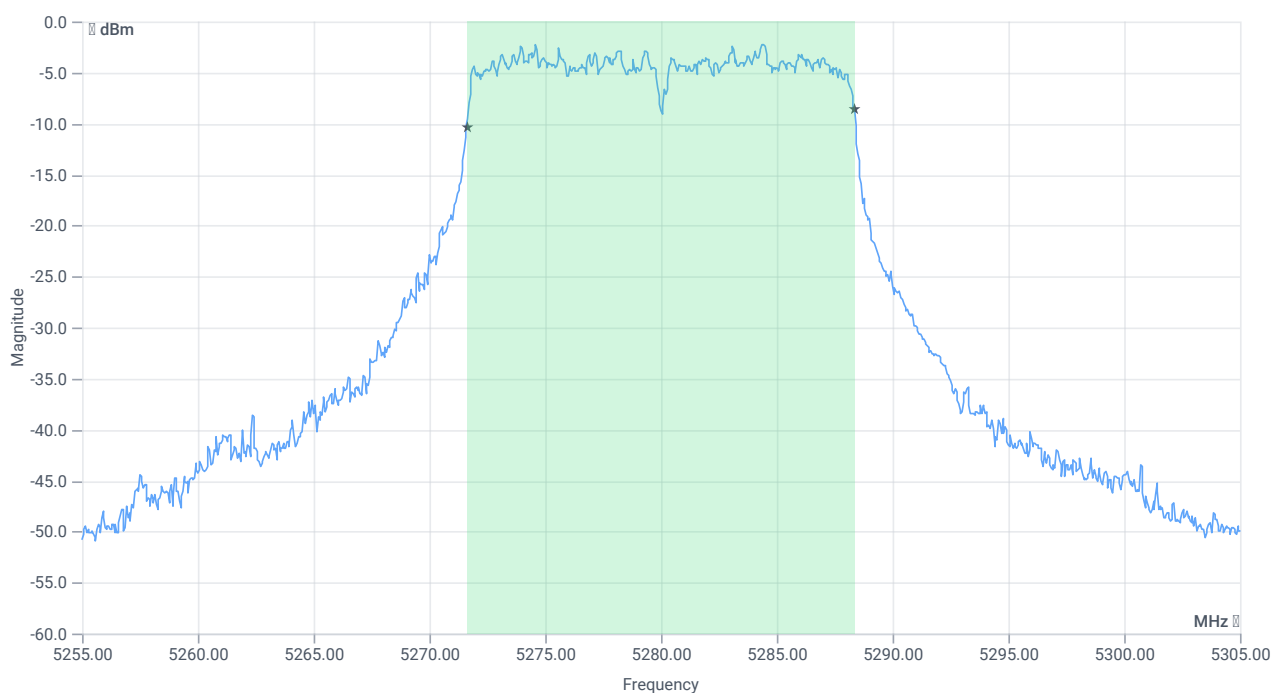
Test at TX 5280 MHz

RESULT: Reference power cond.

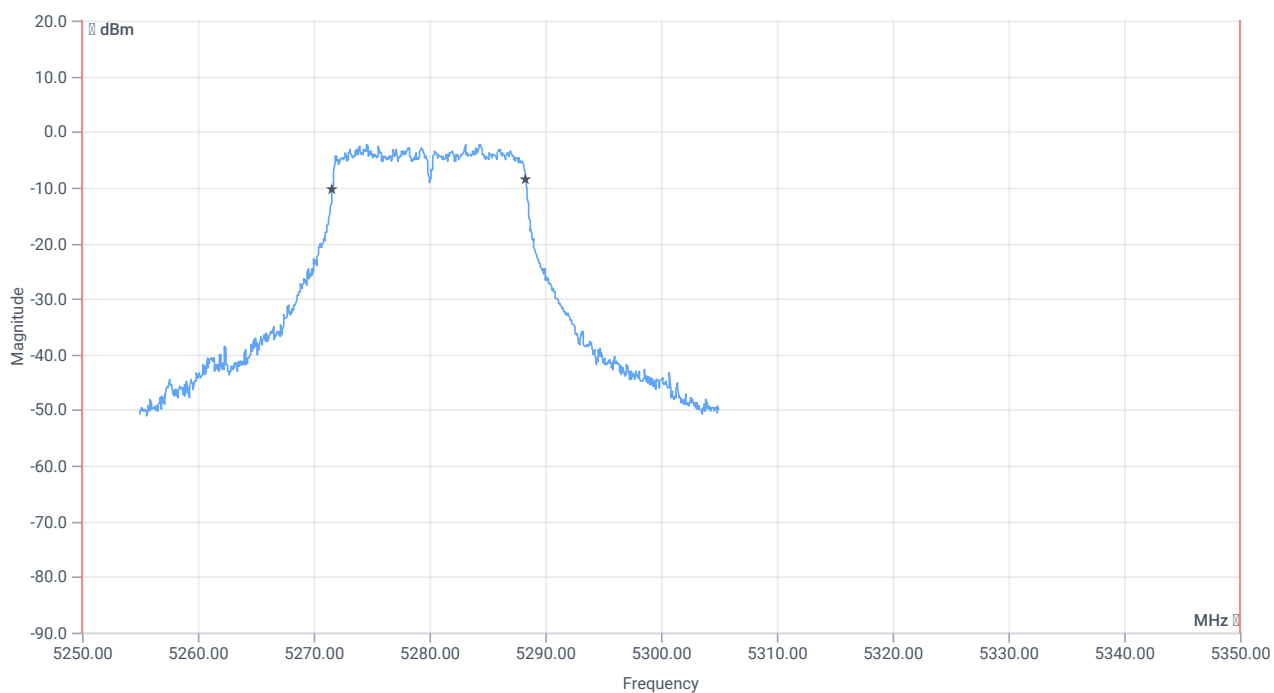
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.94	dBm	INFO
Ref. frequency	---	---	5274.410	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.94 13.27 15
Start [MHz] Stop [MHz]	5255.000 5305.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



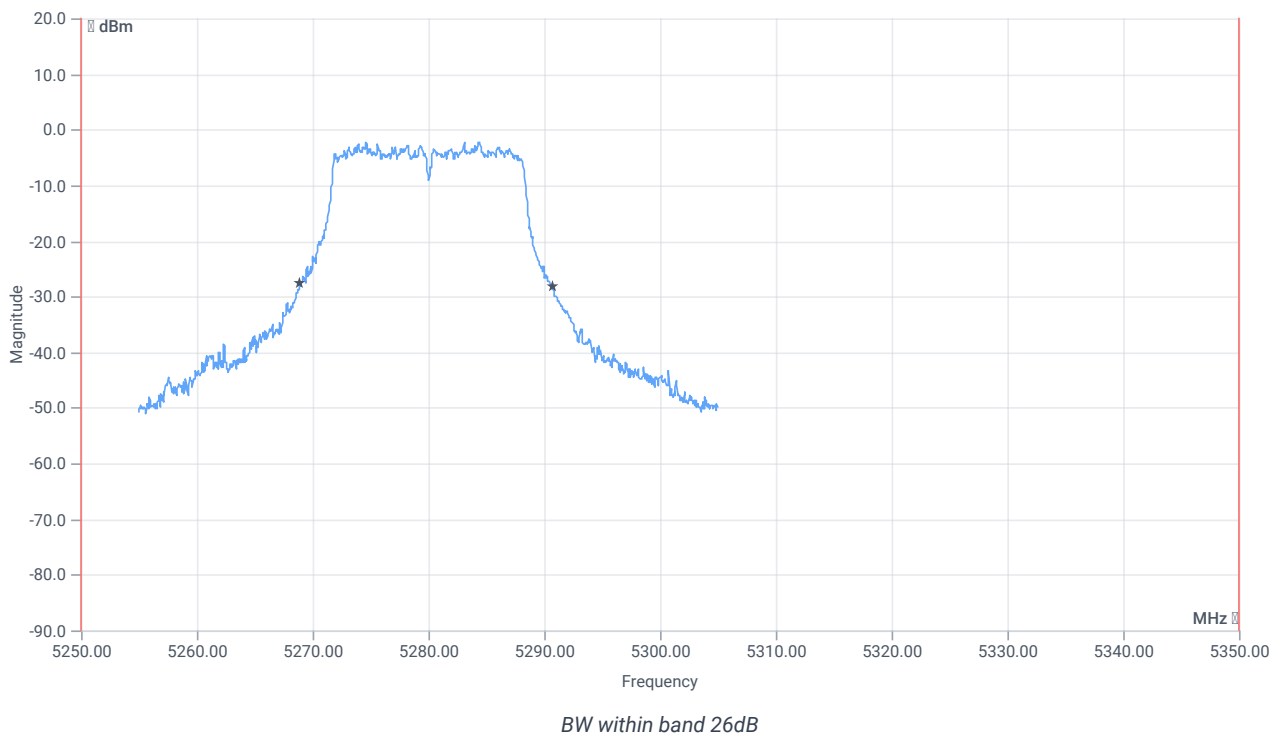
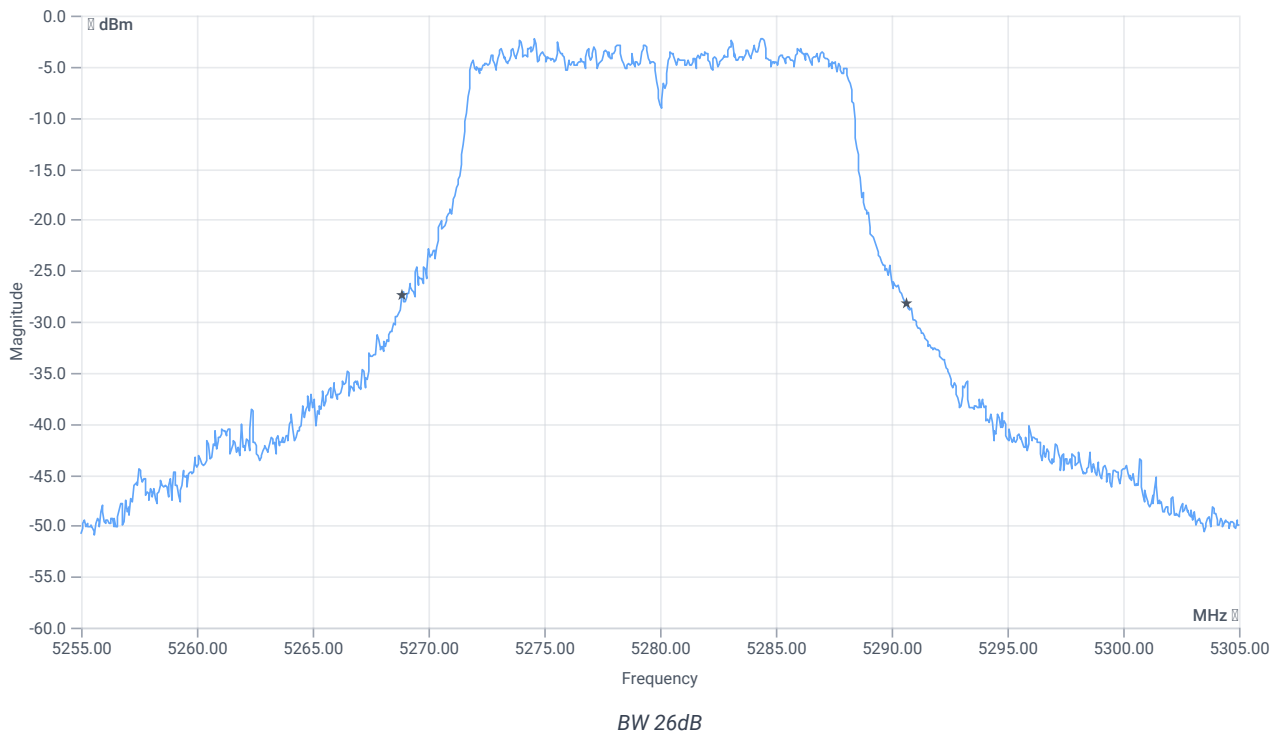
BW 99PCT



BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5250.000000	---	5271.6084	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.3417	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.8	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5268.8500	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5290.6500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:37:44
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	True Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

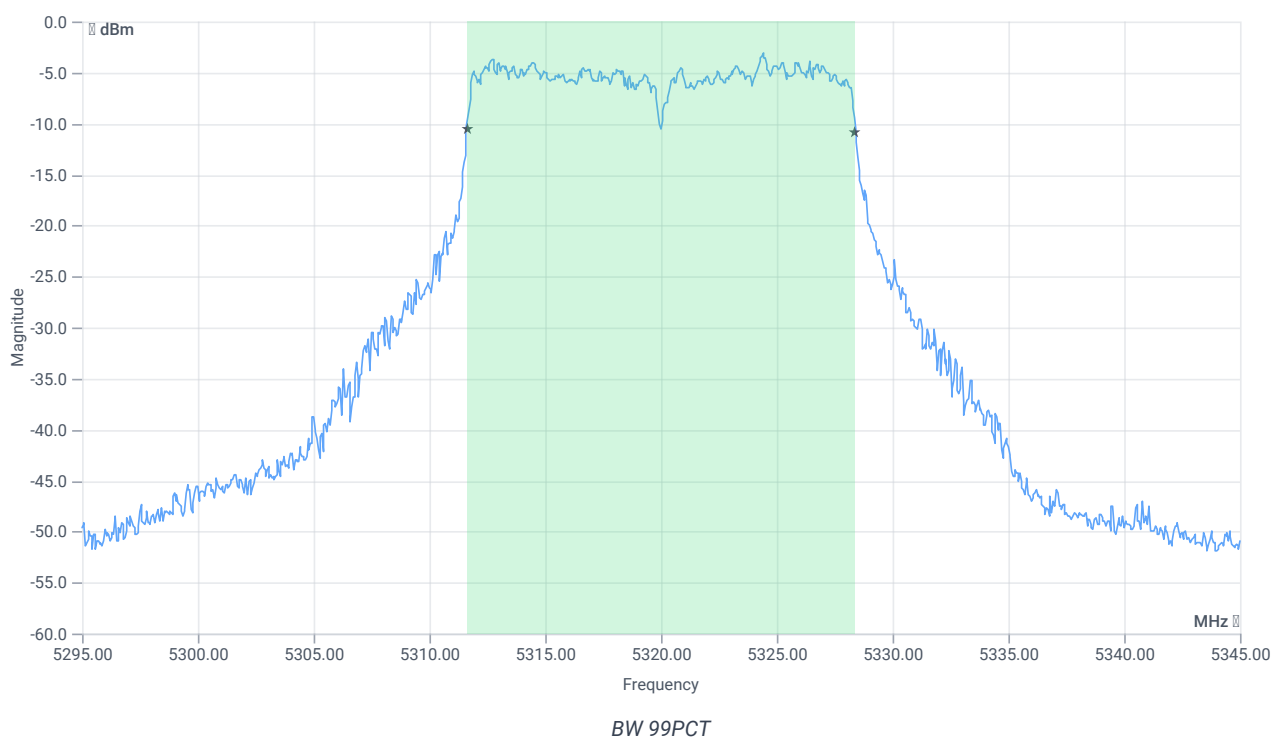
Test at TX 5320 MHz

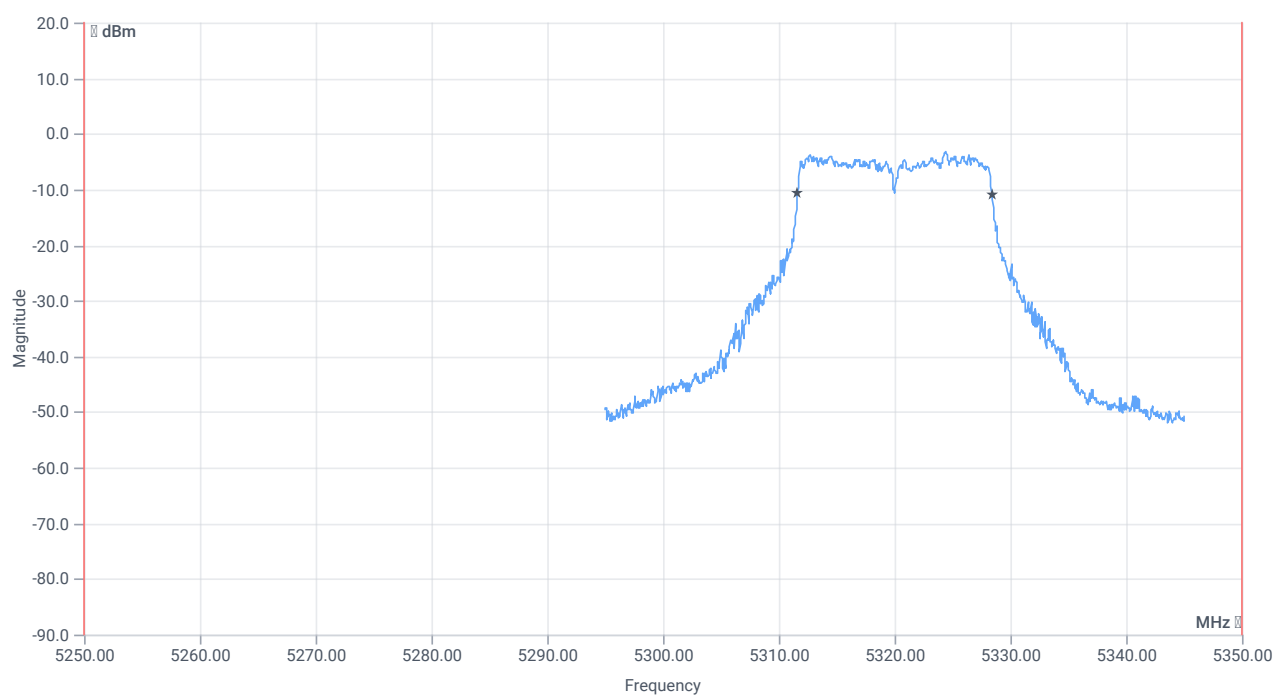
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.57	dBm	INFO
Ref. frequency	---	---	5312.610	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.57 13.96 15
Start [MHz] Stop [MHz]	5295.000 5345.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

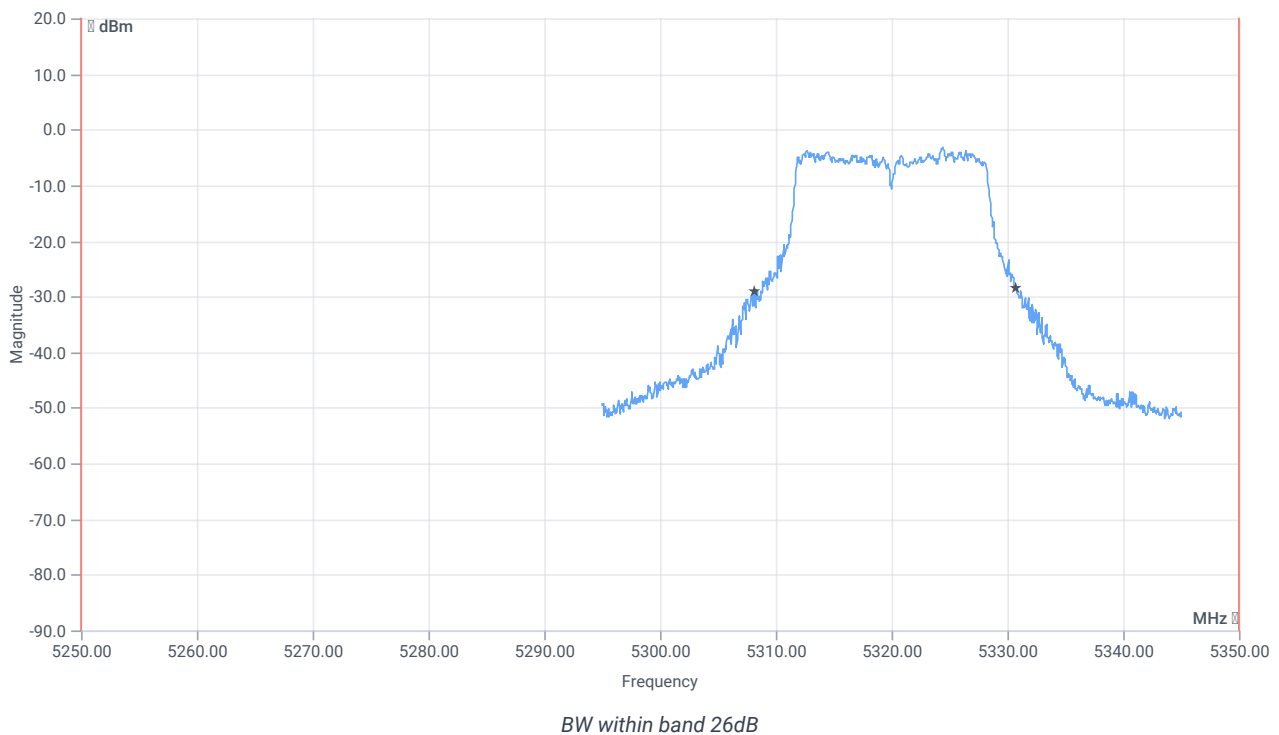
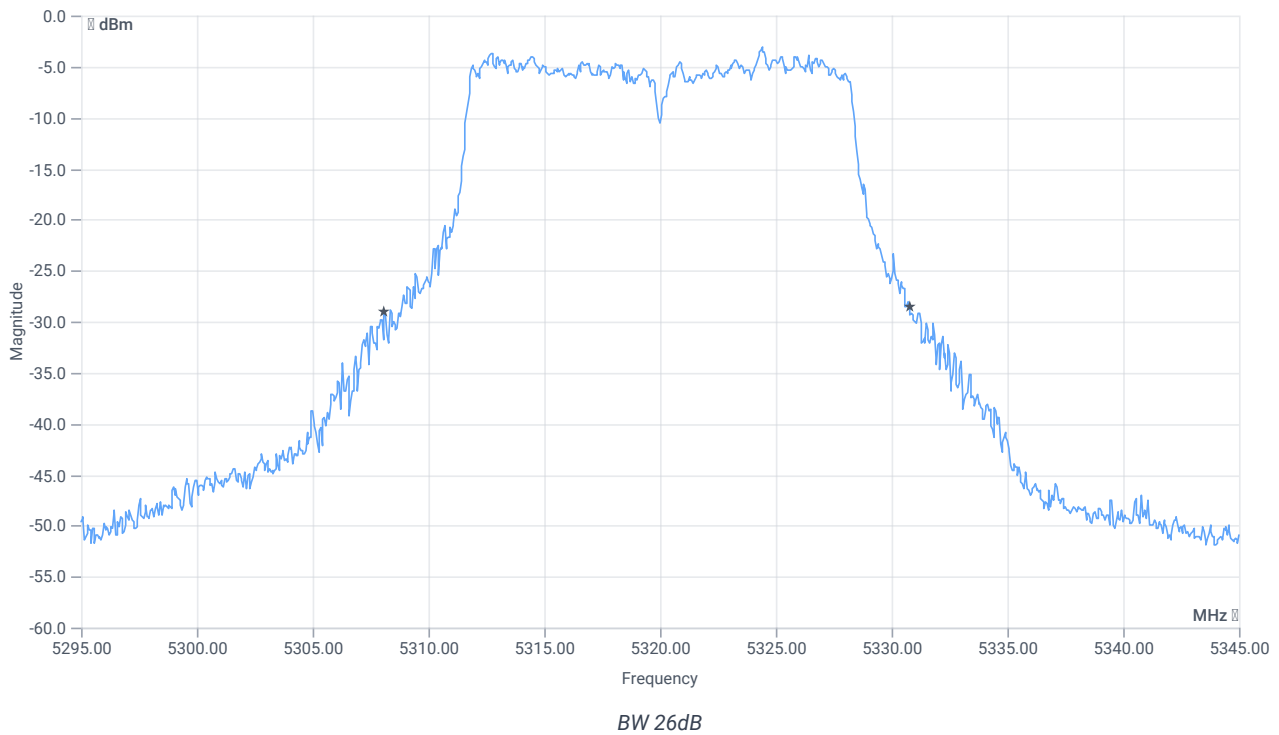




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5250.000000	---	5311.6084	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.3916	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.65	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5308.1000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5330.7500	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2A

References

TC start	14.05.2024 15:41:13
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5260
Frequency mid to test	False Freq [MHz] 5280
Frequency high to test	True Freq [MHz] 5320
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

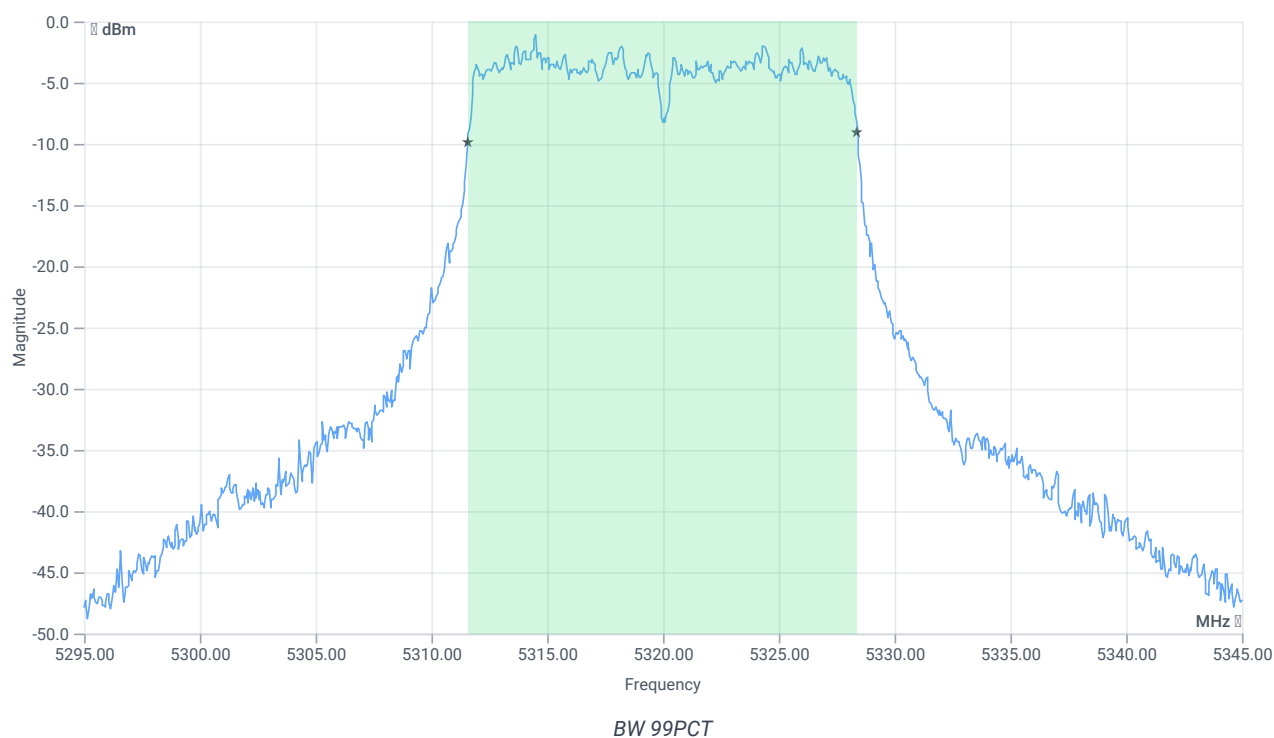
Test at TX 5320 MHz

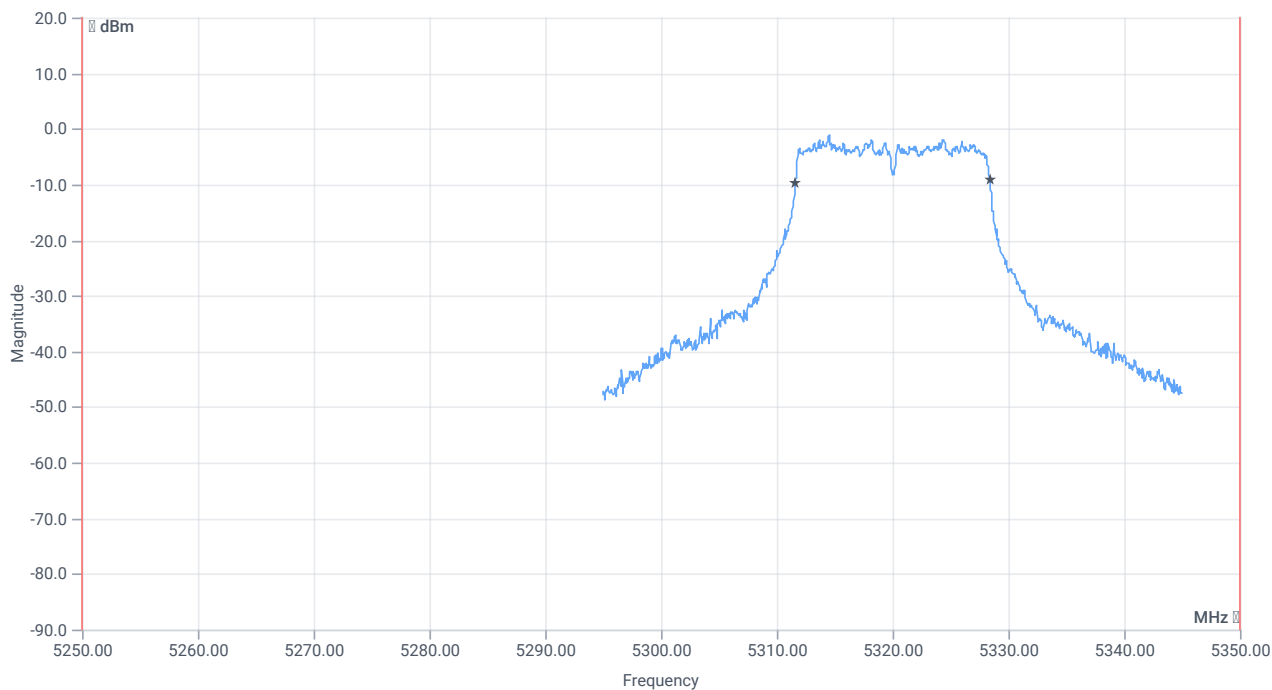
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	3.21	dBm	INFO
Ref. frequency	---	---	5314.210	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.21 13.72 15
Start [MHz] Stop [MHz]	5295.000 5345.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

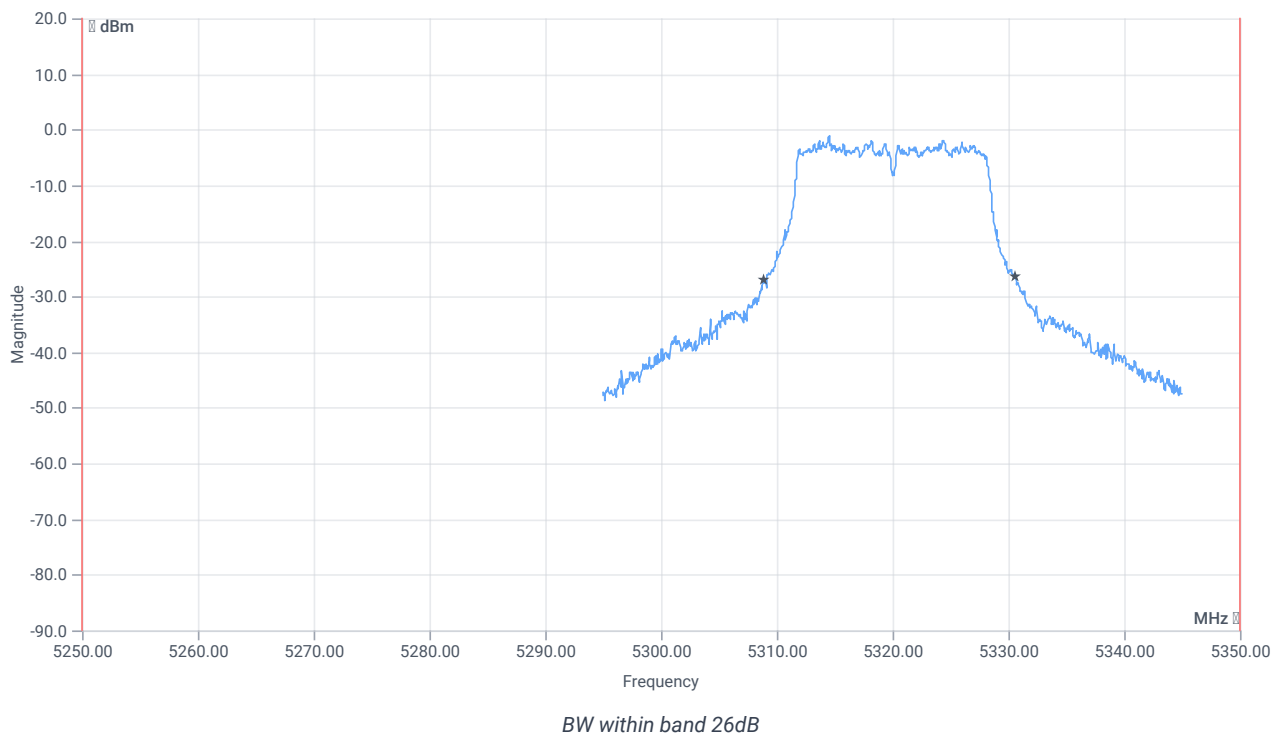
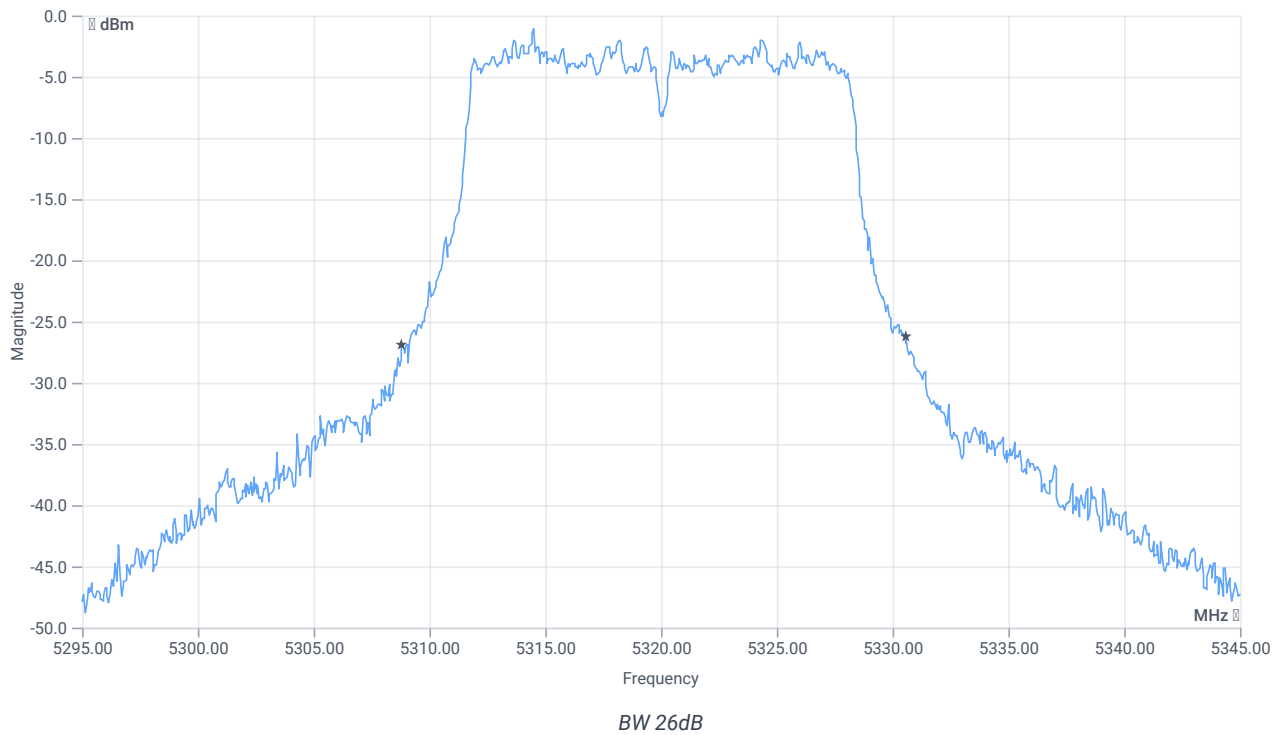




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.833	MHz	INFO
T1 99%	5250.000000	---	5311.5584	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.3916	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.8	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5308.8000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5330.6000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 15:45:05
Ambit temp [°C] humidity [rel%]	28.2 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

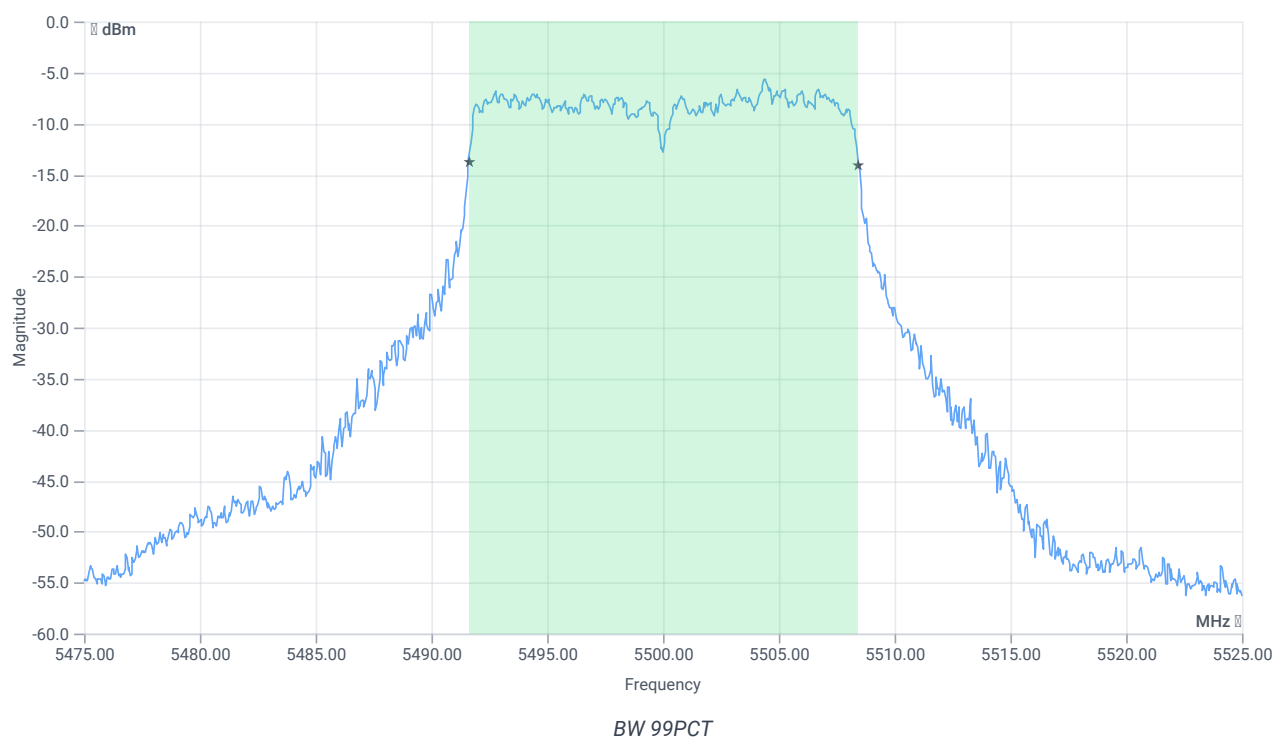
Test at TX 5500 MHz

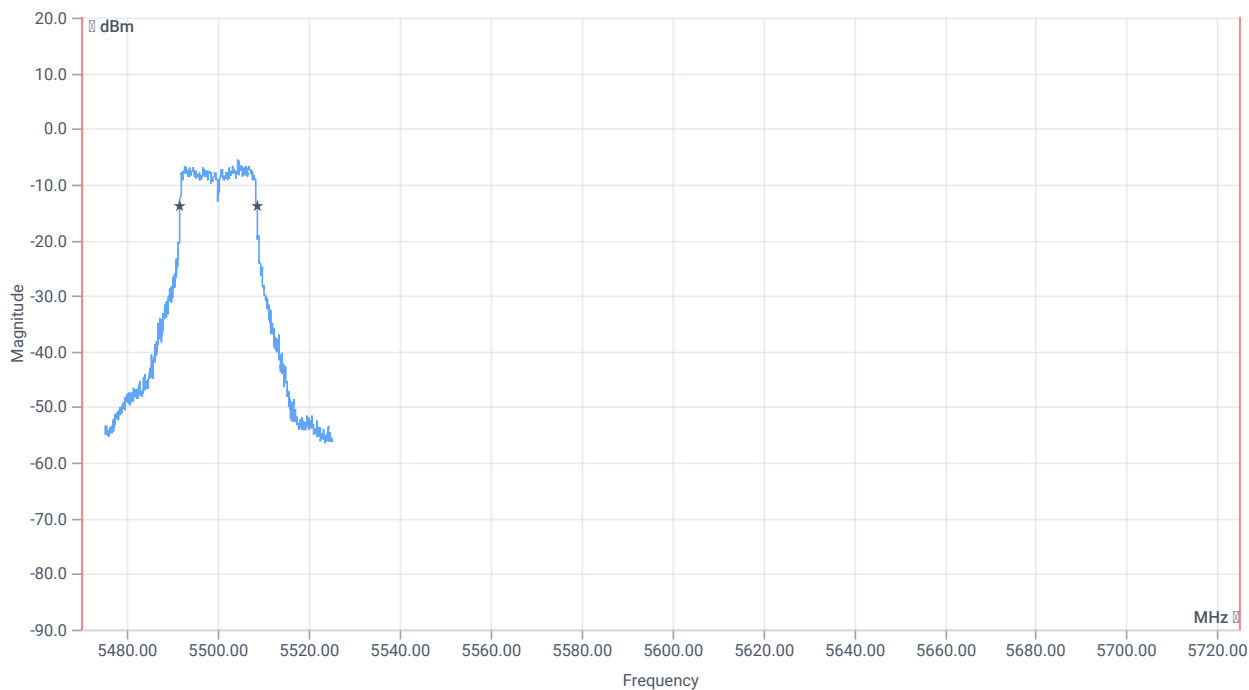
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.82	dBm	INFO
Ref. frequency	---	---	5494.410	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.18 13.54 10
Start [MHz] Stop [MHz]	5475.000 5525.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

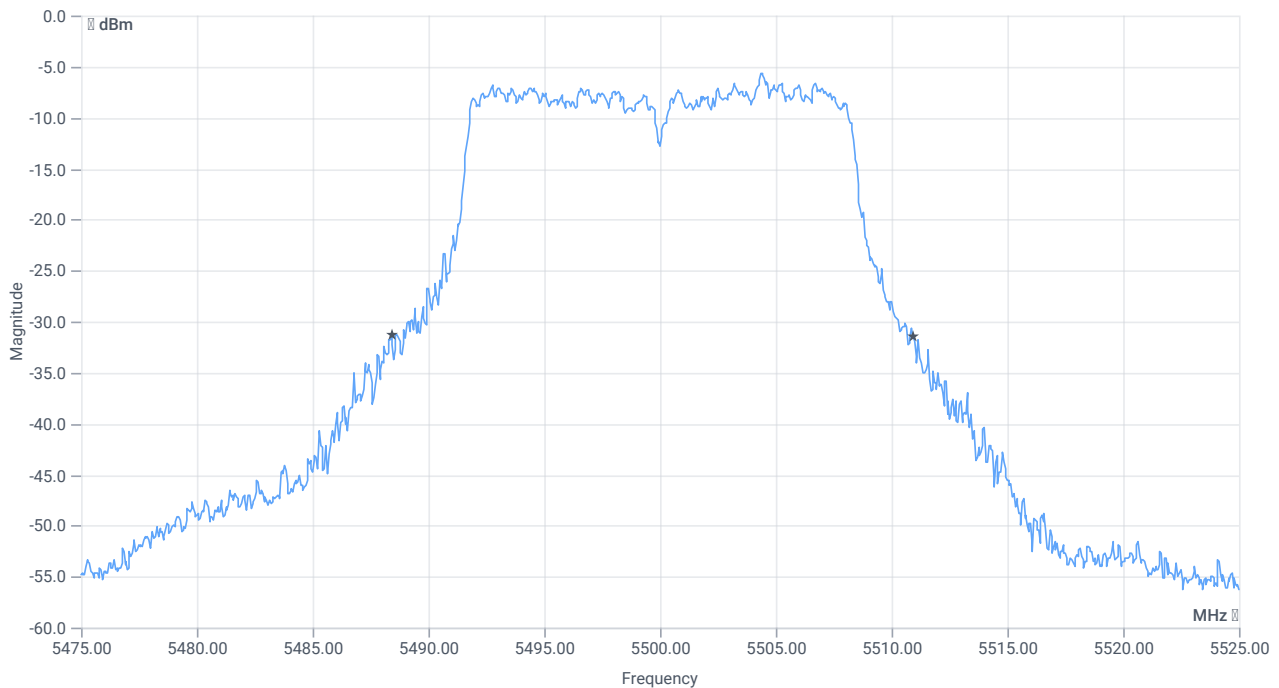




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.833	MHz	INFO
T1 99%	5470.000000	---	5491.6084	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5508.4416	MHz	



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.55	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5488.4000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5510.9500	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 15:48:32
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

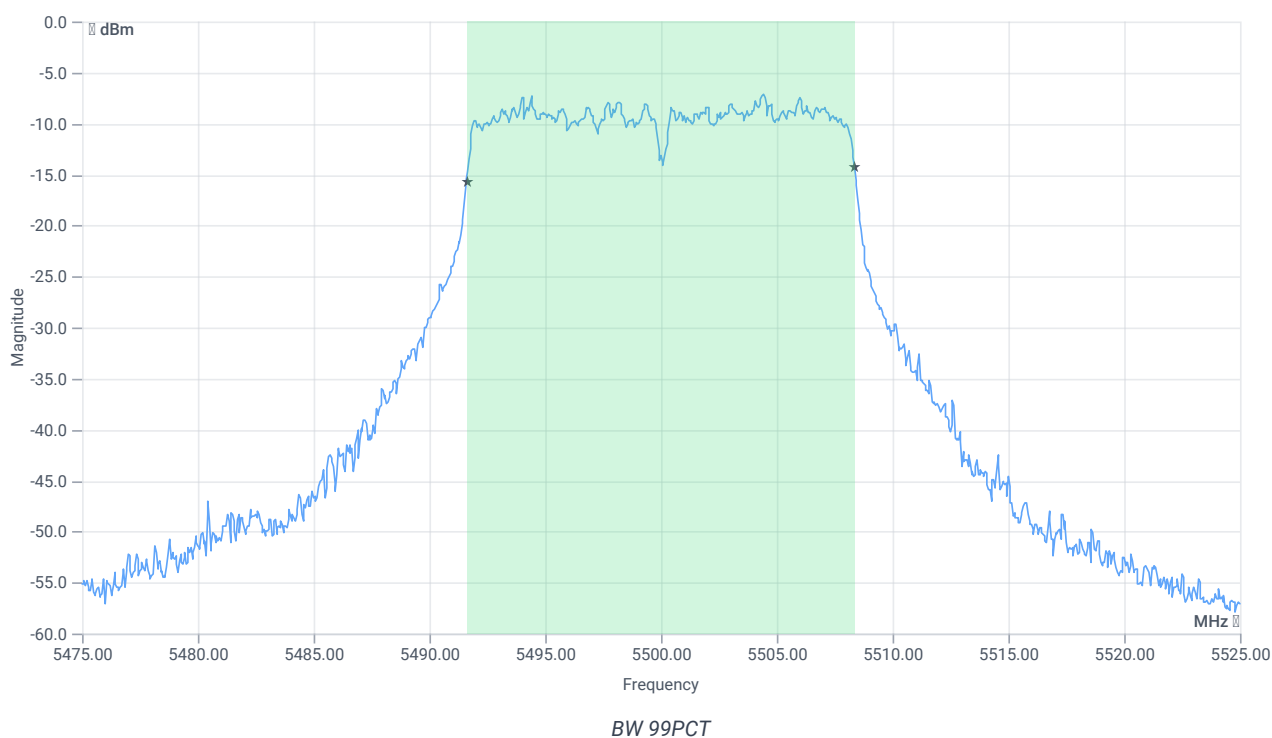
Test at TX 5500 MHz

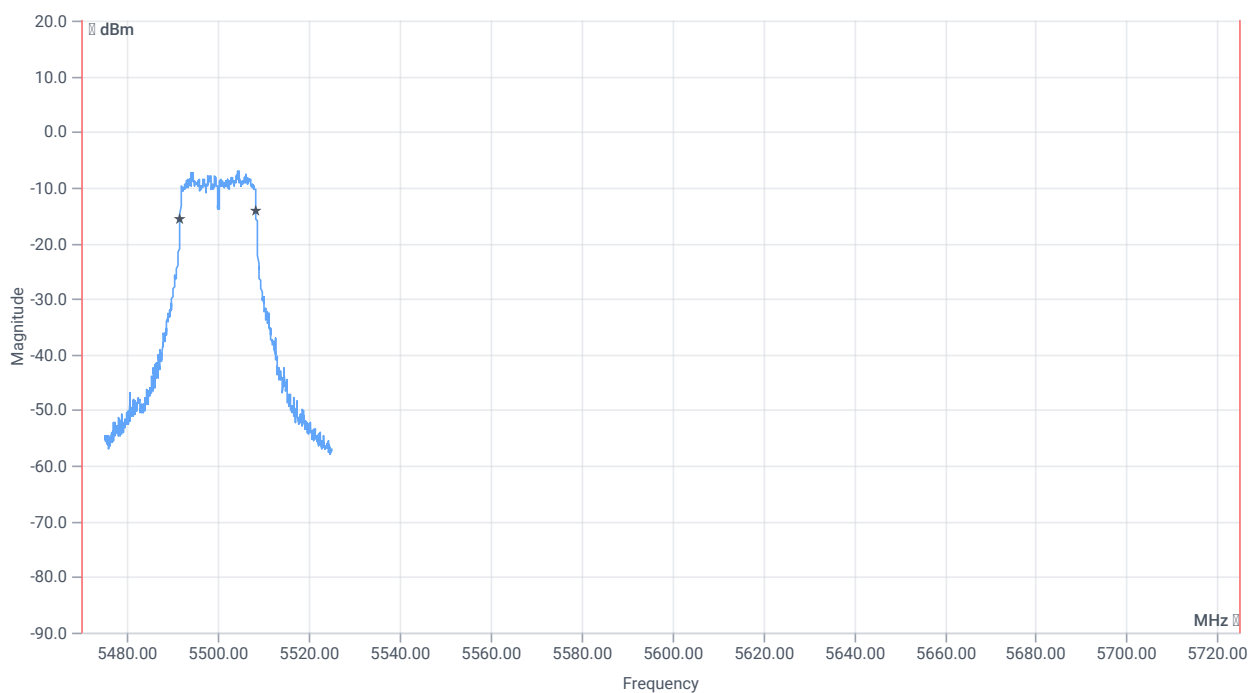
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.70	dBm	INFO
Ref. frequency	---	---	5492.610	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.30 13.42 10
Start [MHz] Stop [MHz]	5475.000 5525.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

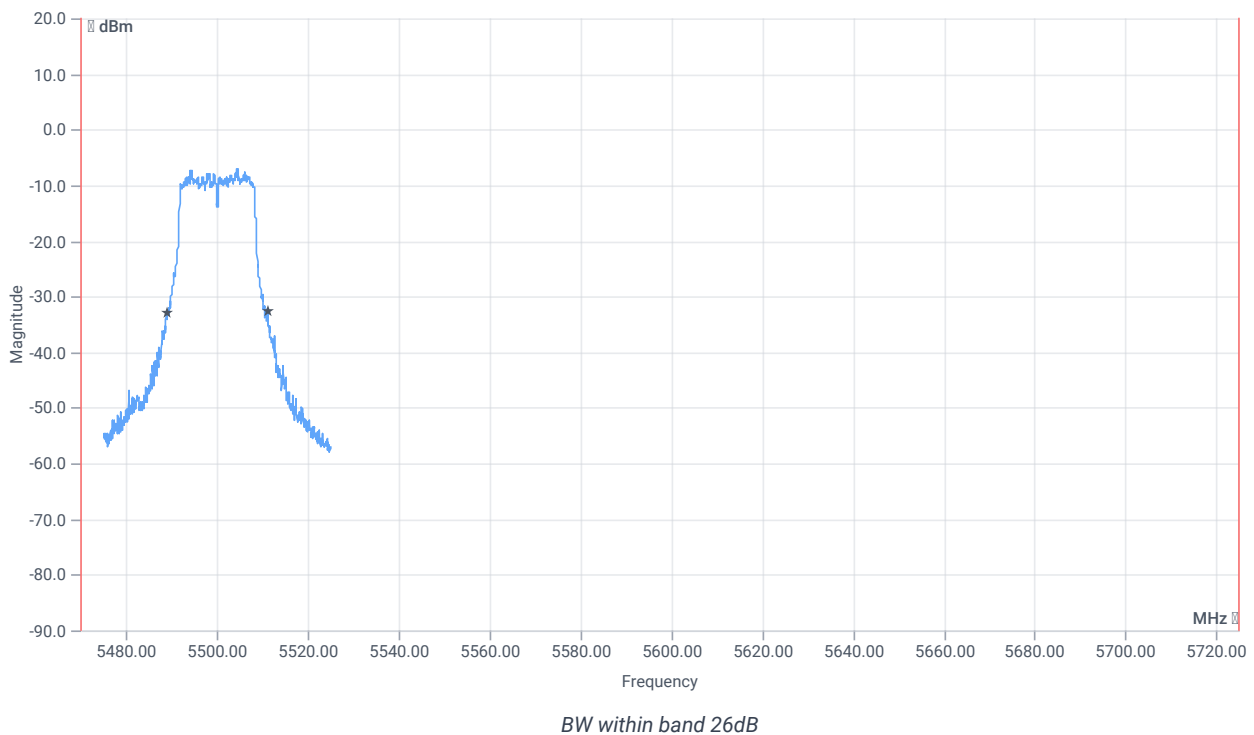
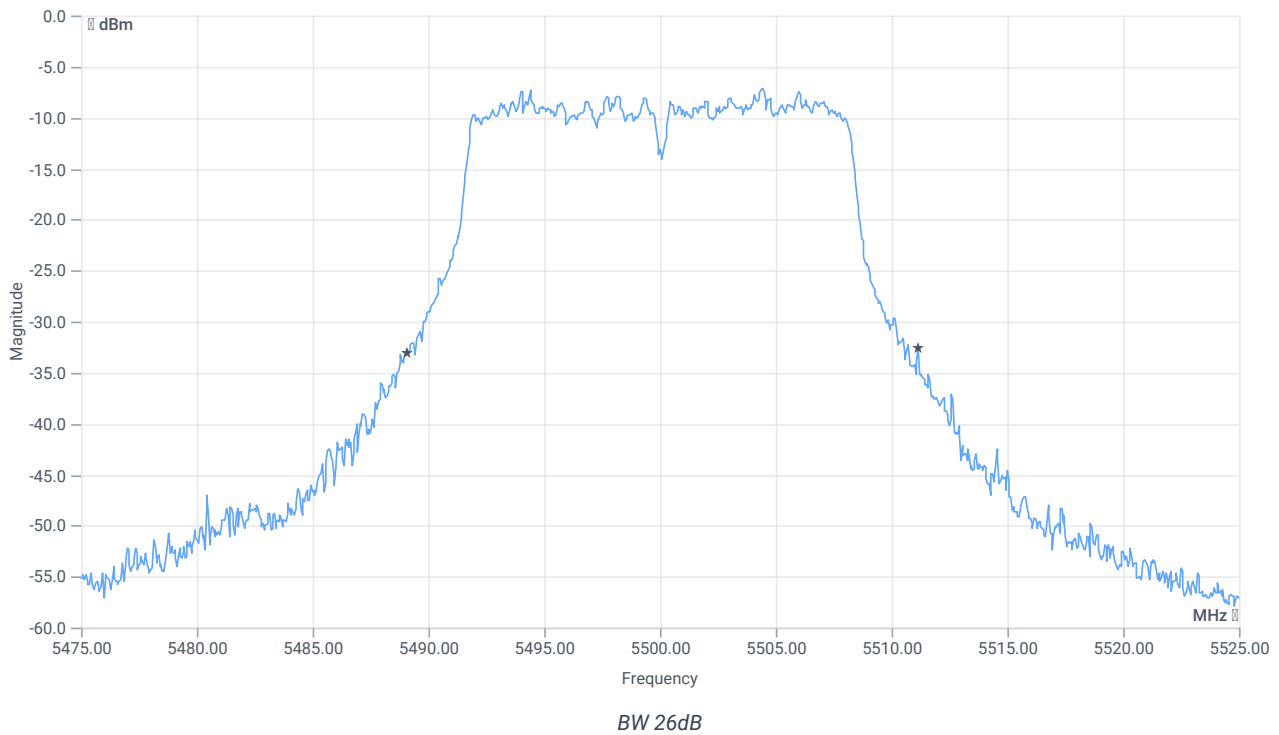




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5470.000000	---	5491.6084	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5508.3417	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.1	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5489.0500	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5511.1500	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 16:01:35
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	True Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

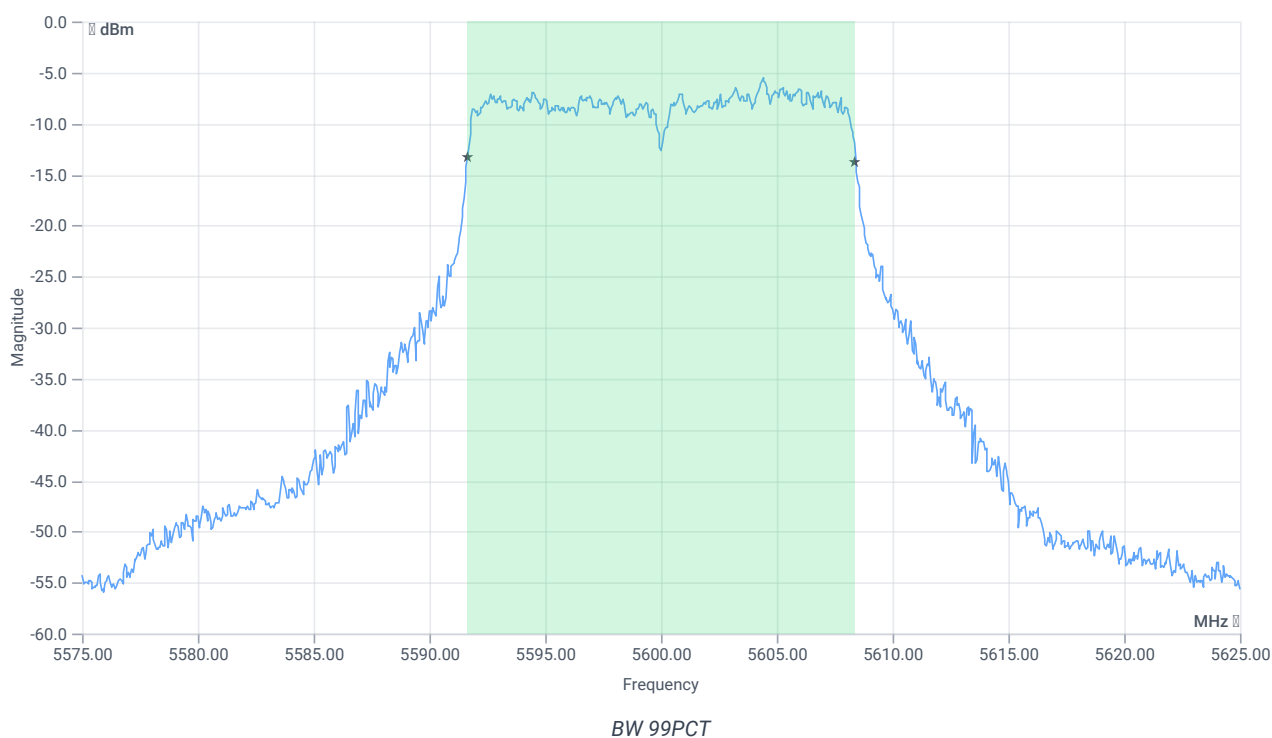
Test at TX 5600 MHz

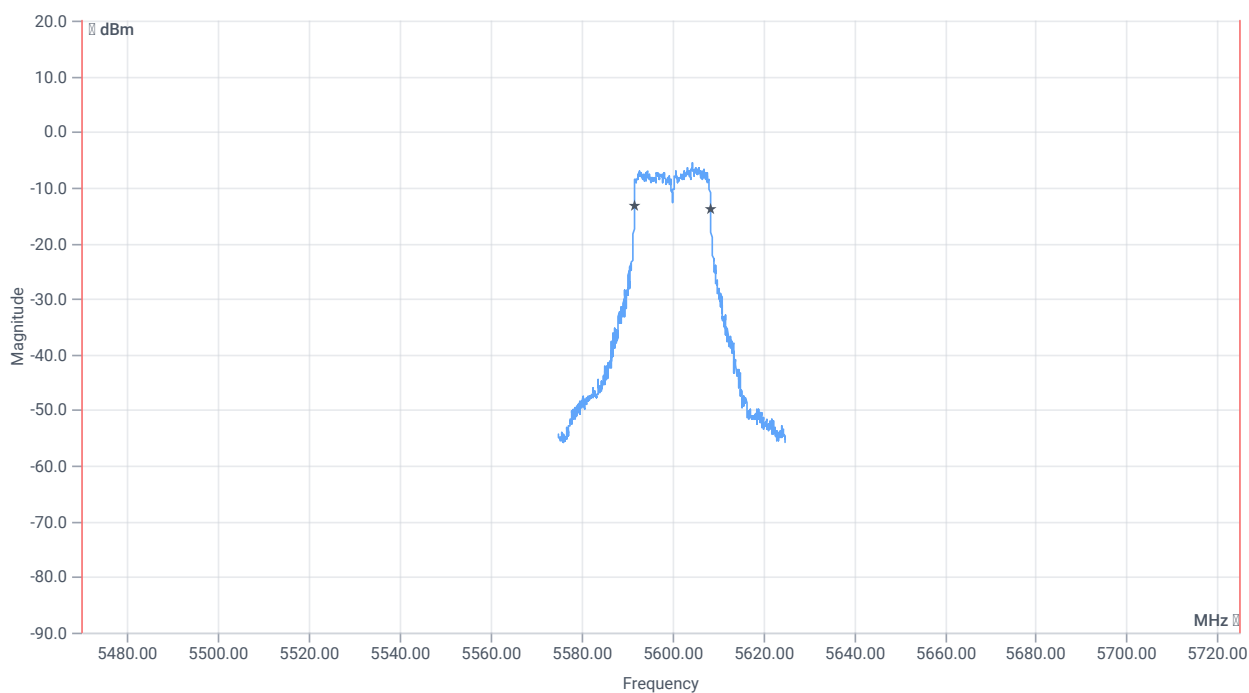
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.97	dBm	INFO
Ref. frequency	---	---	5603.600	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.03 13.81 10
Start [MHz] Stop [MHz]	5575.000 5625.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

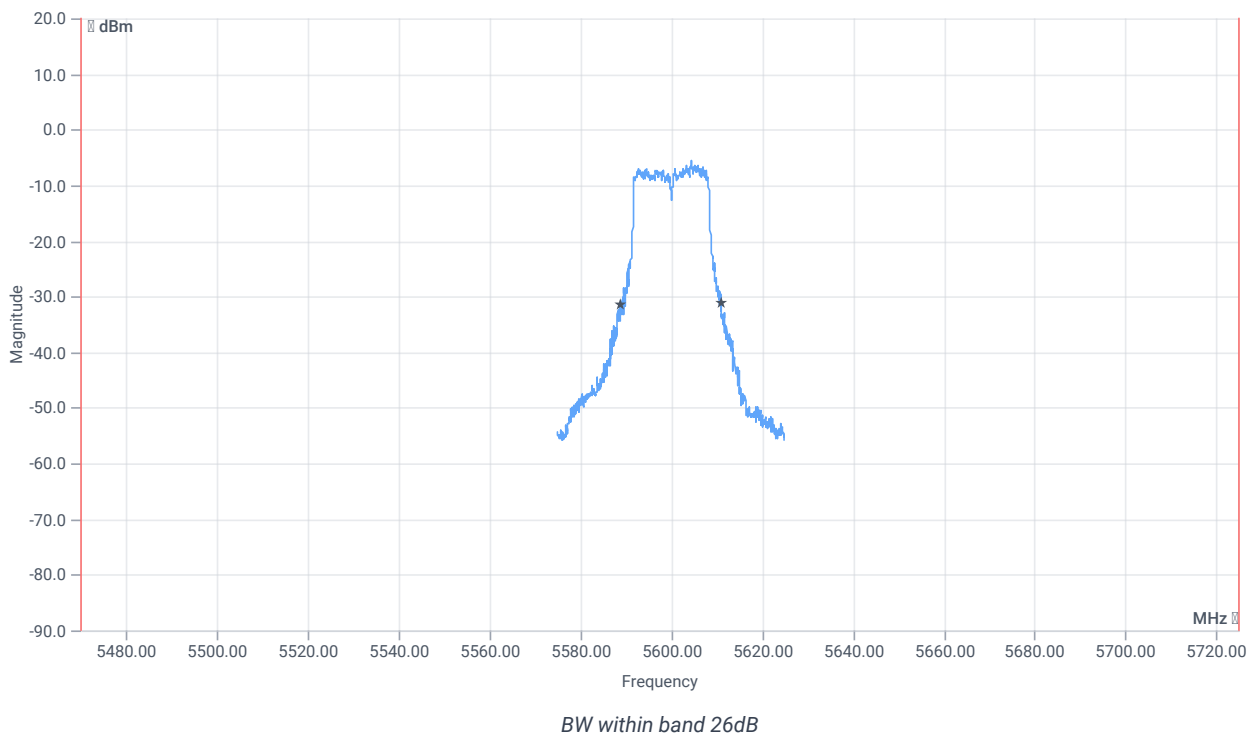
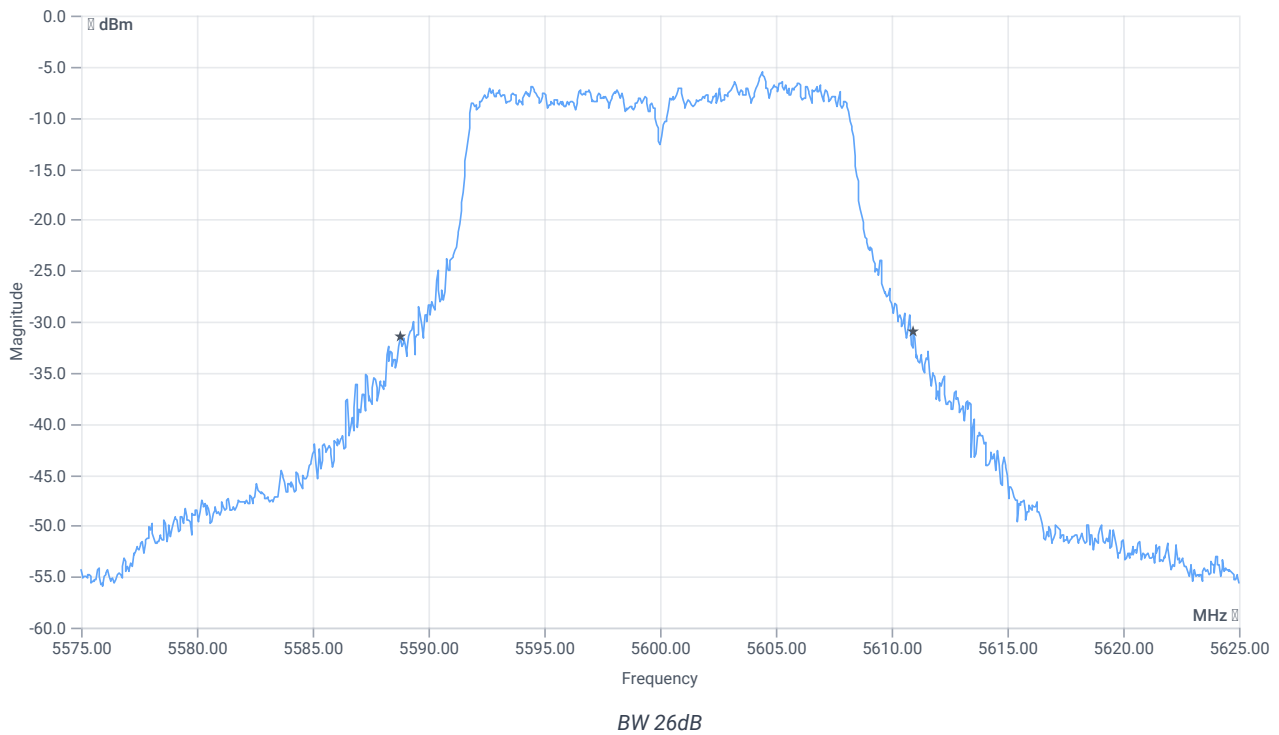




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5470.000000	---	5591.6583	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.3916	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.15	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5588.8000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5610.9500	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 16:05:01
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	True Freq [MHz] 5600
Frequency high to test	False Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

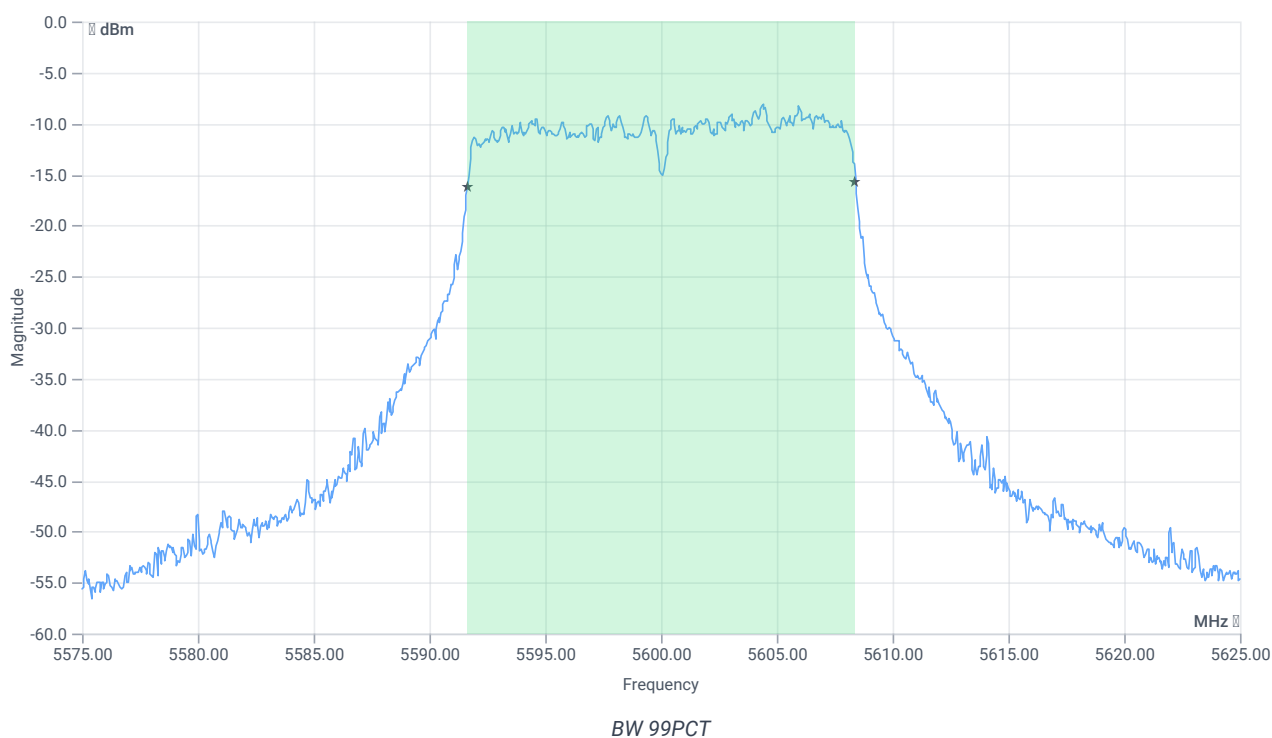
Test at TX 5600 MHz

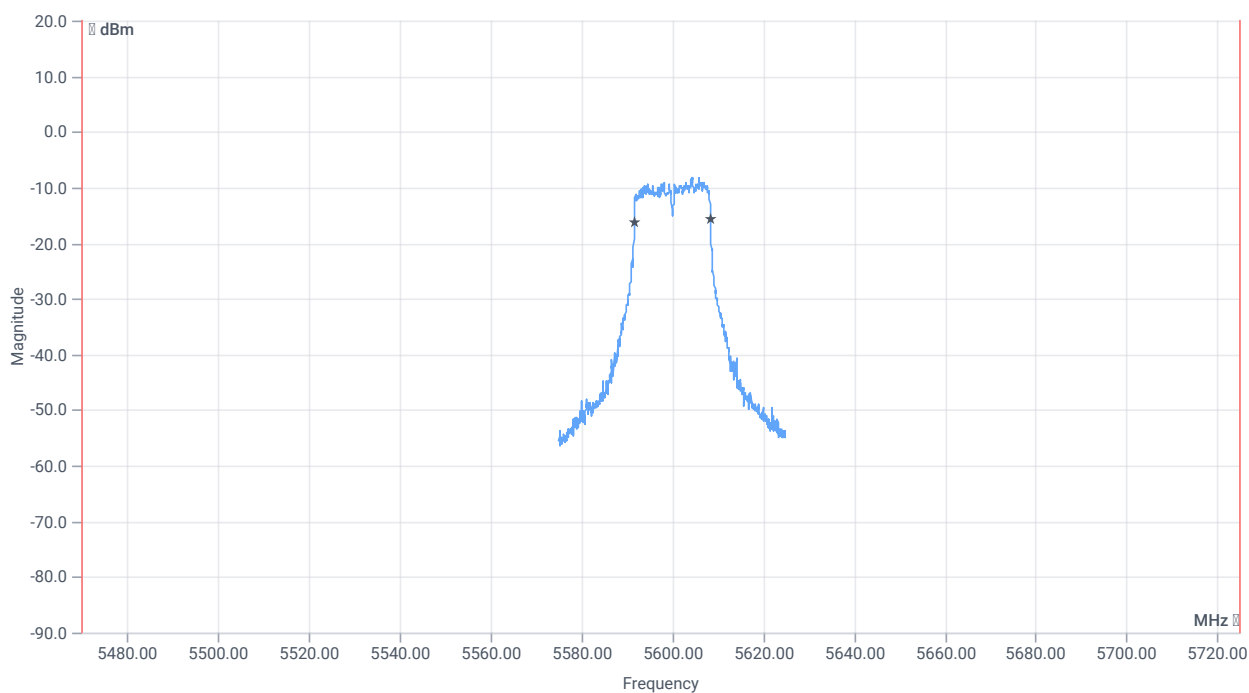
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.63	dBm	INFO
Ref. frequency	---	---	5607.190	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.37 13.5 10
Start [MHz] Stop [MHz]	5575.000 5625.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

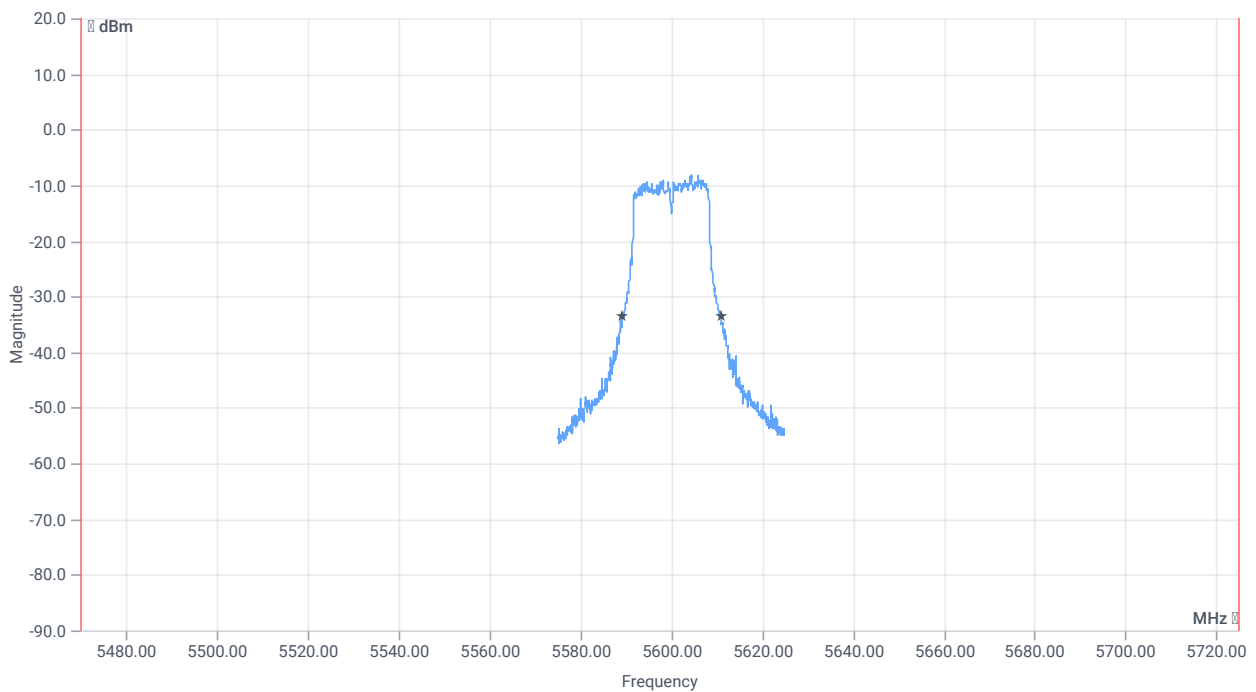
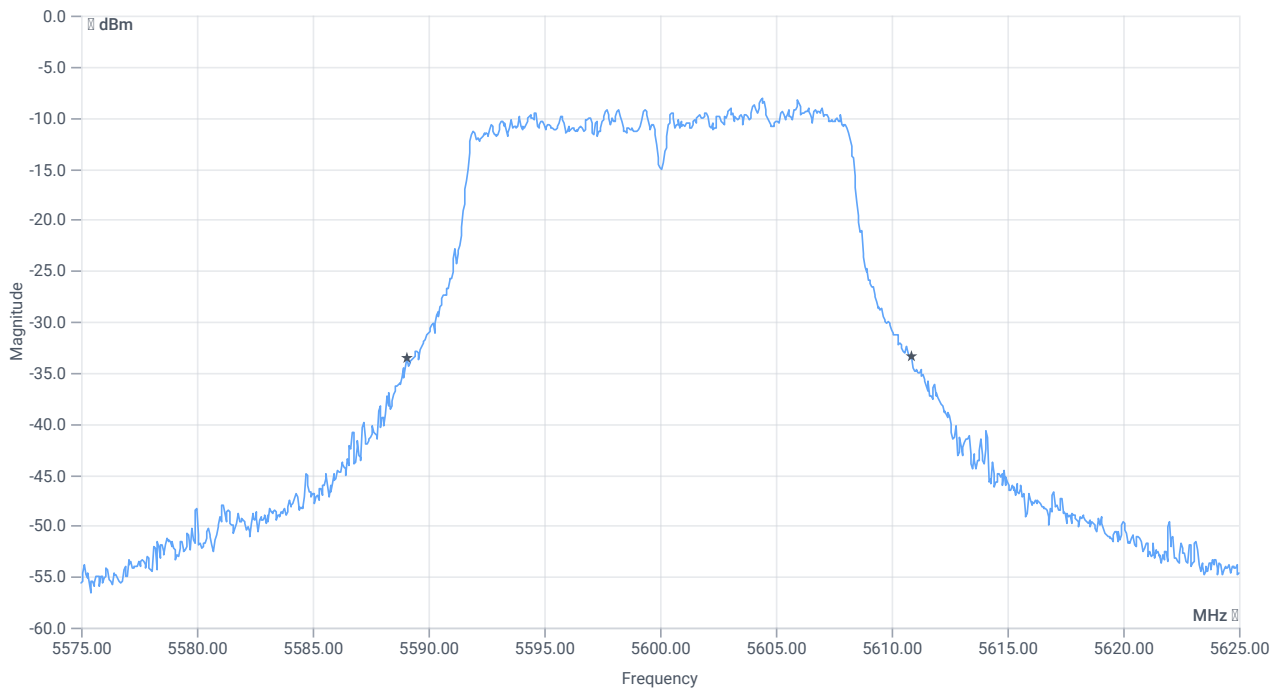




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5470.000000	---	5591.6583	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.3916	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.8	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5589.0500	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5610.8500	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 16:09:04
Ambit temp [°C] humidity [rel%]	28.3 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	True Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

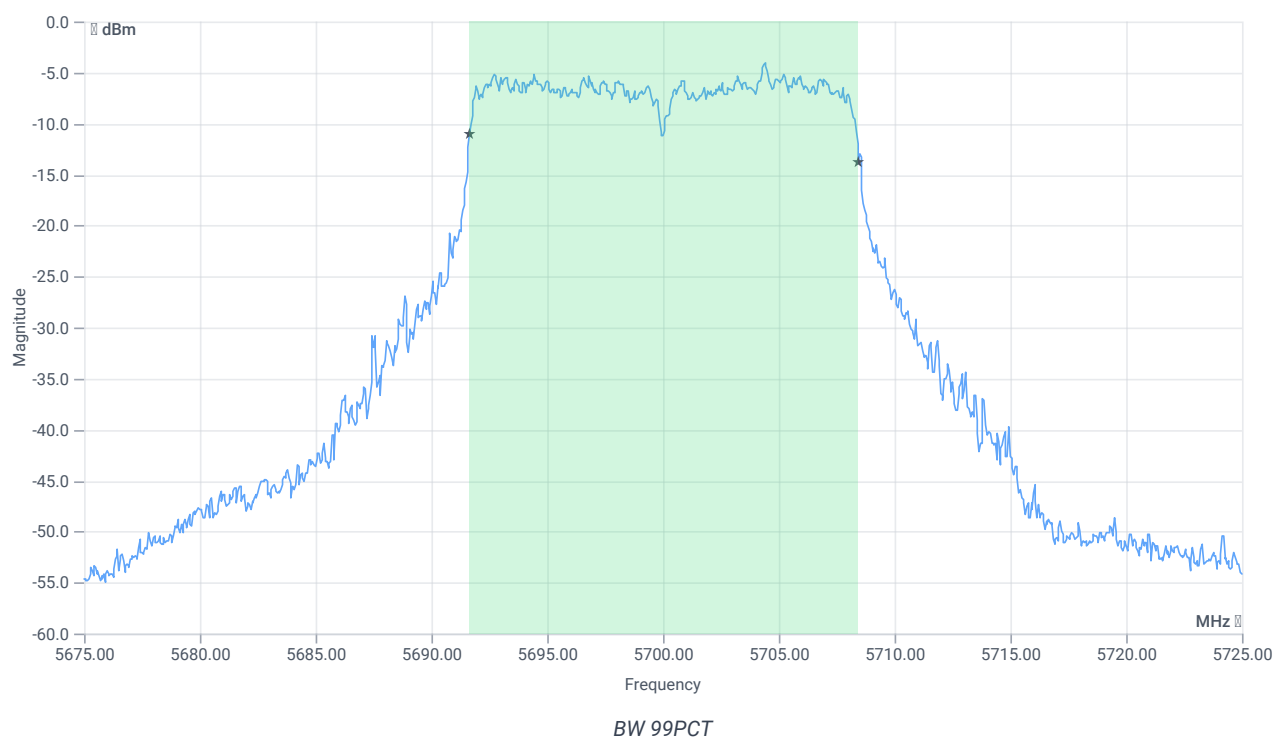
Test at TX 5700 MHz

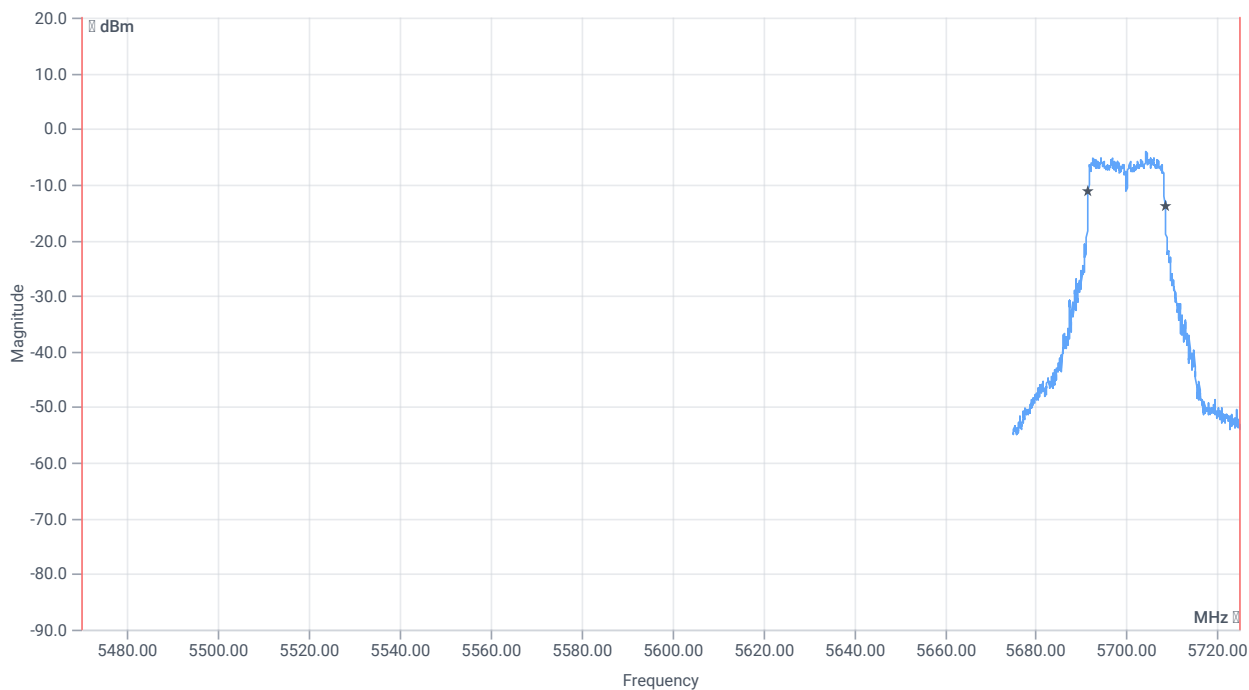
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.18	dBm	INFO
Ref. frequency	---	---	5696.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.18 13.47 10
Start [MHz] Stop [MHz]	5675.000 5725.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

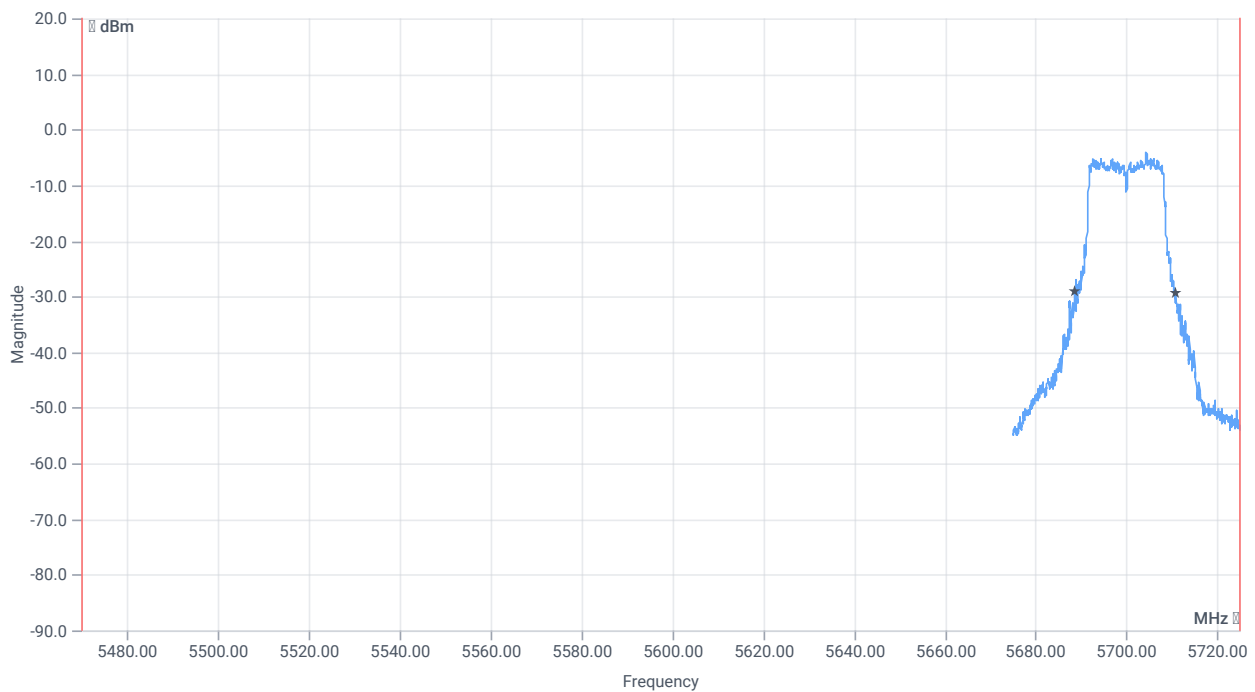
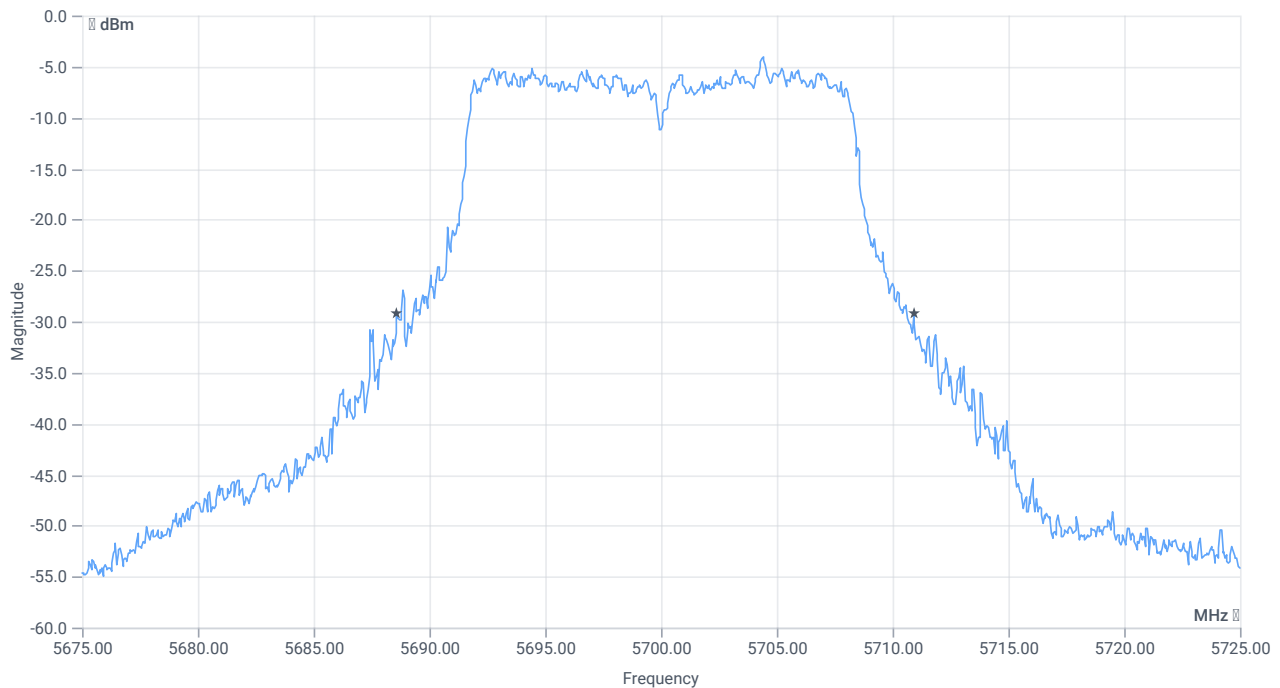




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5470.000000	---	5691.6583	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5708.4416	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	22.3	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5688.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5710.9000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT20 mode U-NII-2C

References

TC start	14.05.2024 16:12:32
Ambit temp [°C] humidity [rel%]	28.4 38
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5500
Frequency mid to test	False Freq [MHz] 5600
Frequency high to test	True Freq [MHz] 5700
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

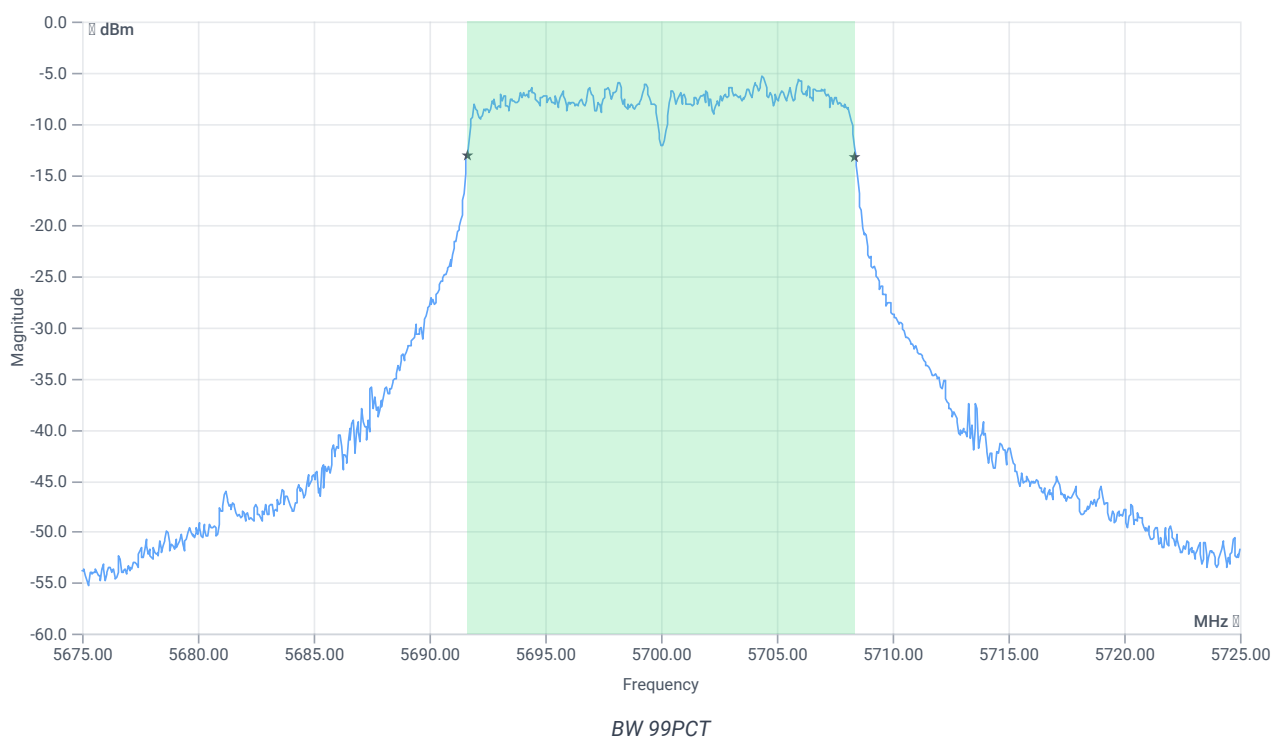
Test at TX 5700 MHz

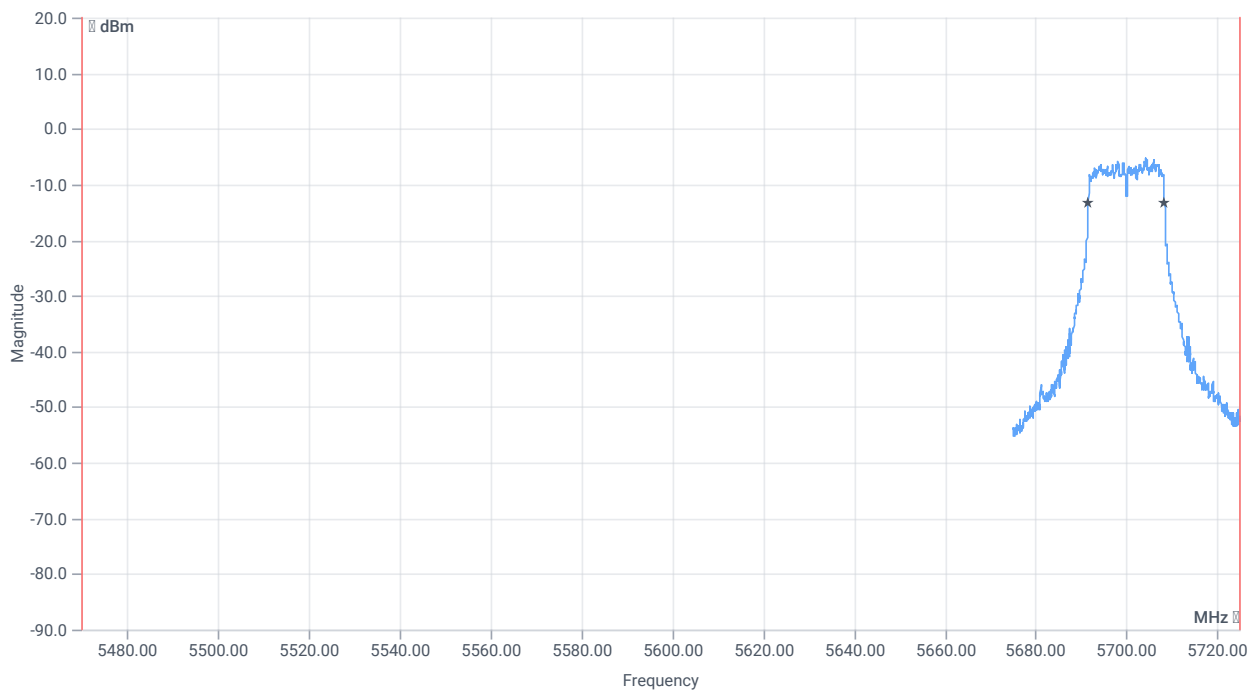
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.93	dBm	INFO
Ref. frequency	---	---	5694.610	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.07 13.43 10
Start [MHz] Stop [MHz]	5675.000 5725.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

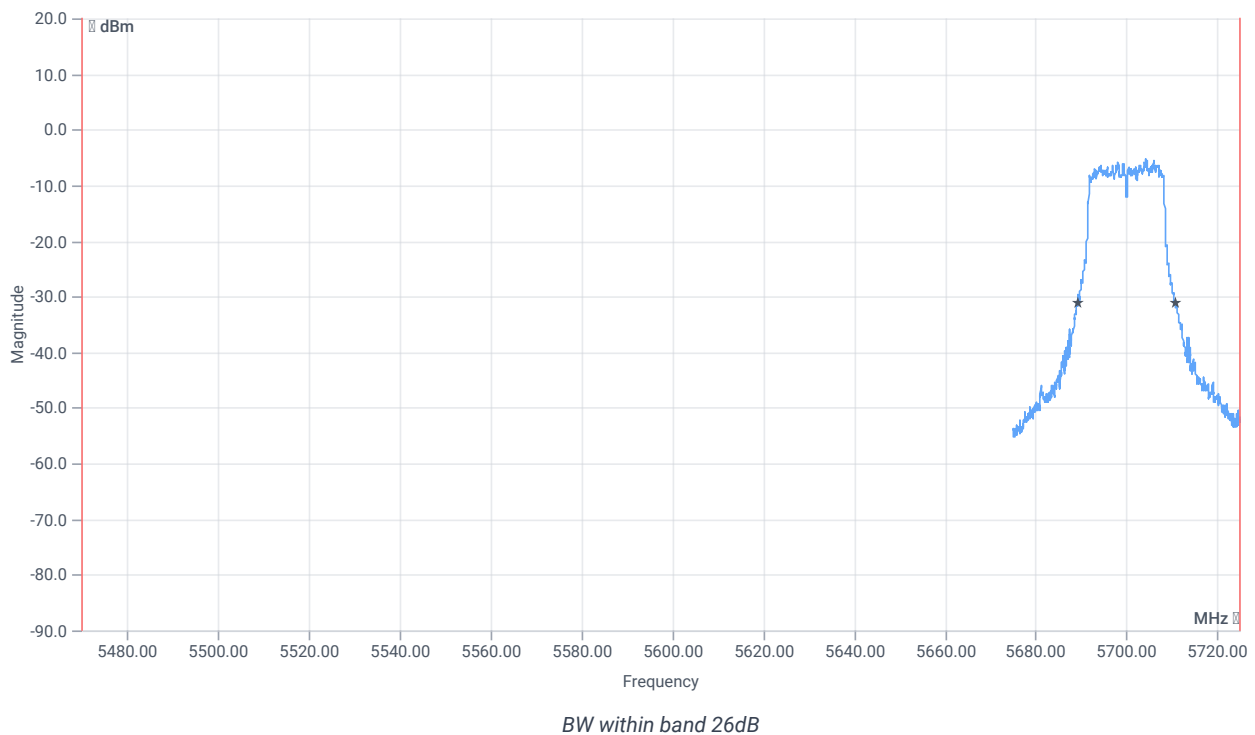
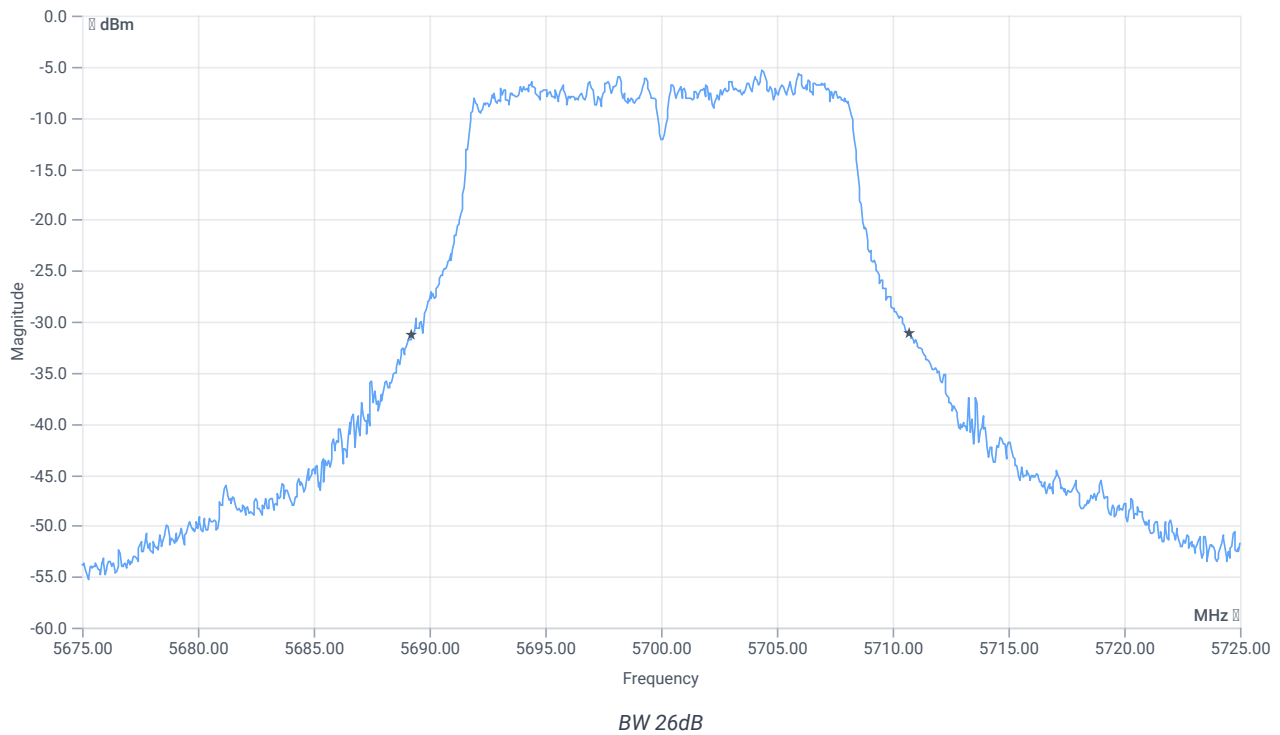




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	16.733	MHz	INFO
T1 99%	5470.000000	---	5691.6583	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5708.3916	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	21.45	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5689.2500	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5710.7000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A

References

TC start	14.05.2024 16:16:57
Ambit temp [°C] humidity [rel%]	28.4 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5310
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

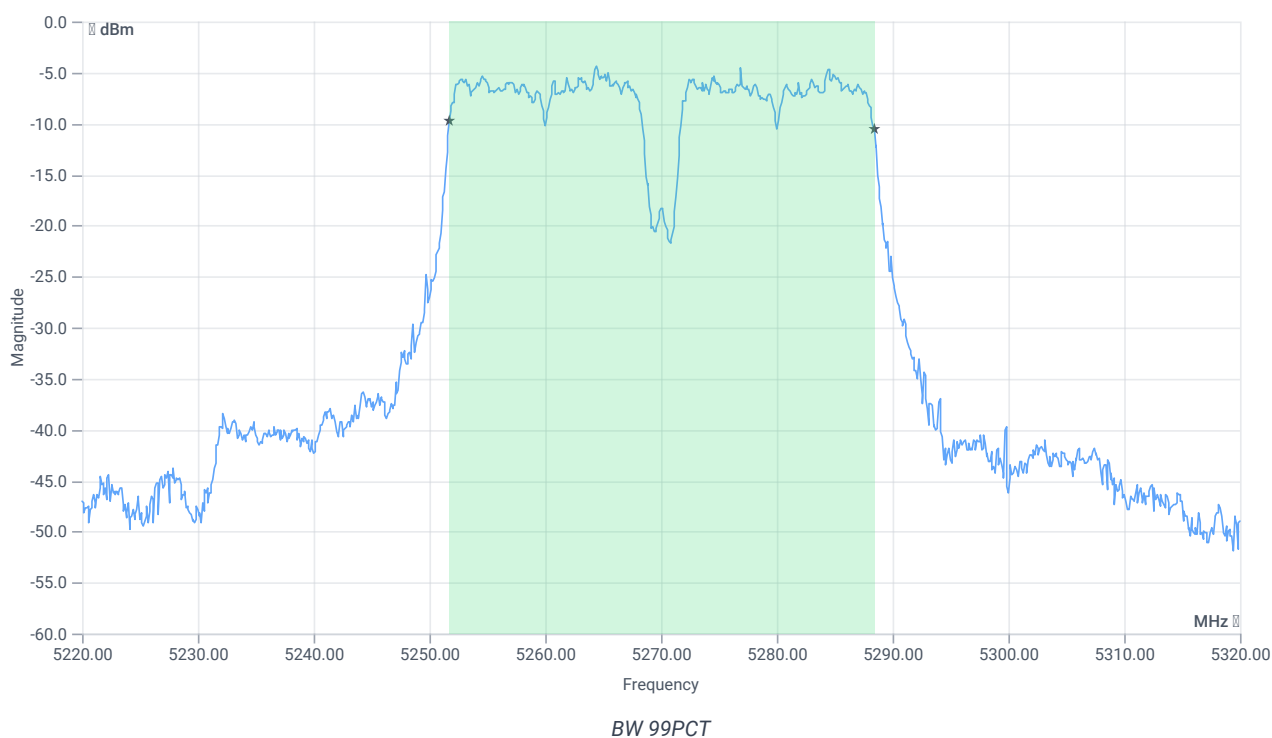
Test at TX 5270 MHz

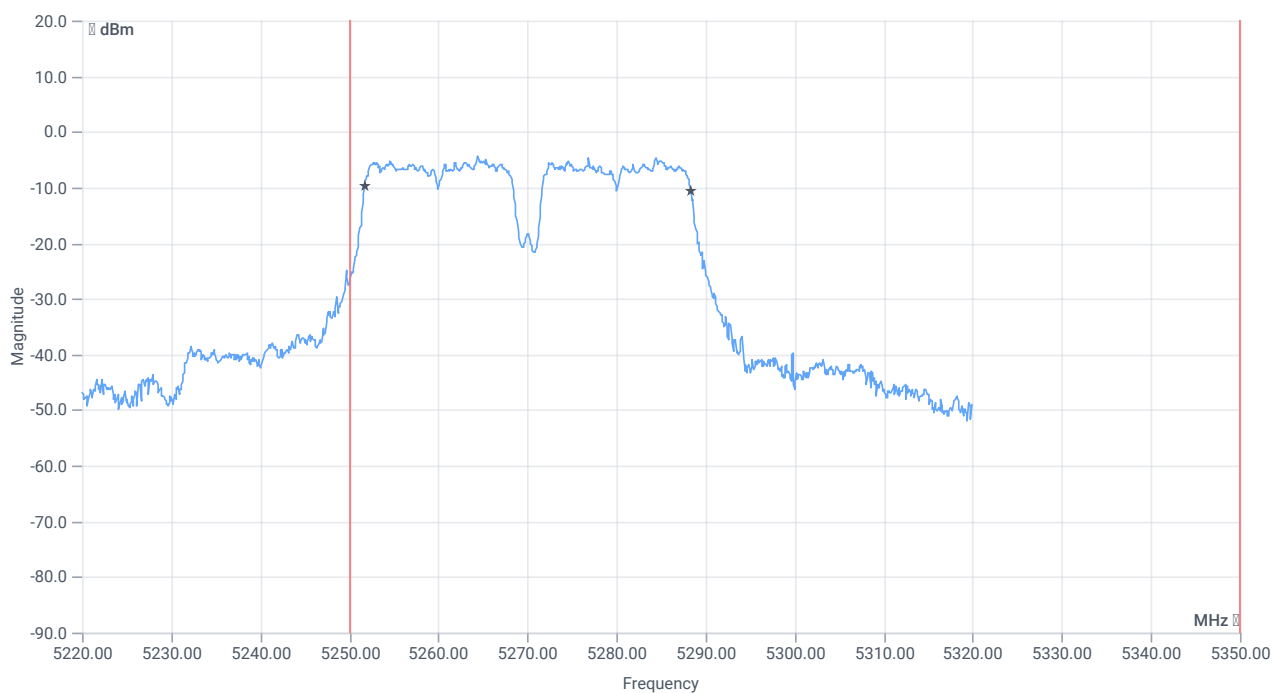
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.36	dBm	INFO
Ref. frequency	---	---	5285.180	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.64 13.27 10
Start [MHz] Stop [MHz]	5220.000 5320.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

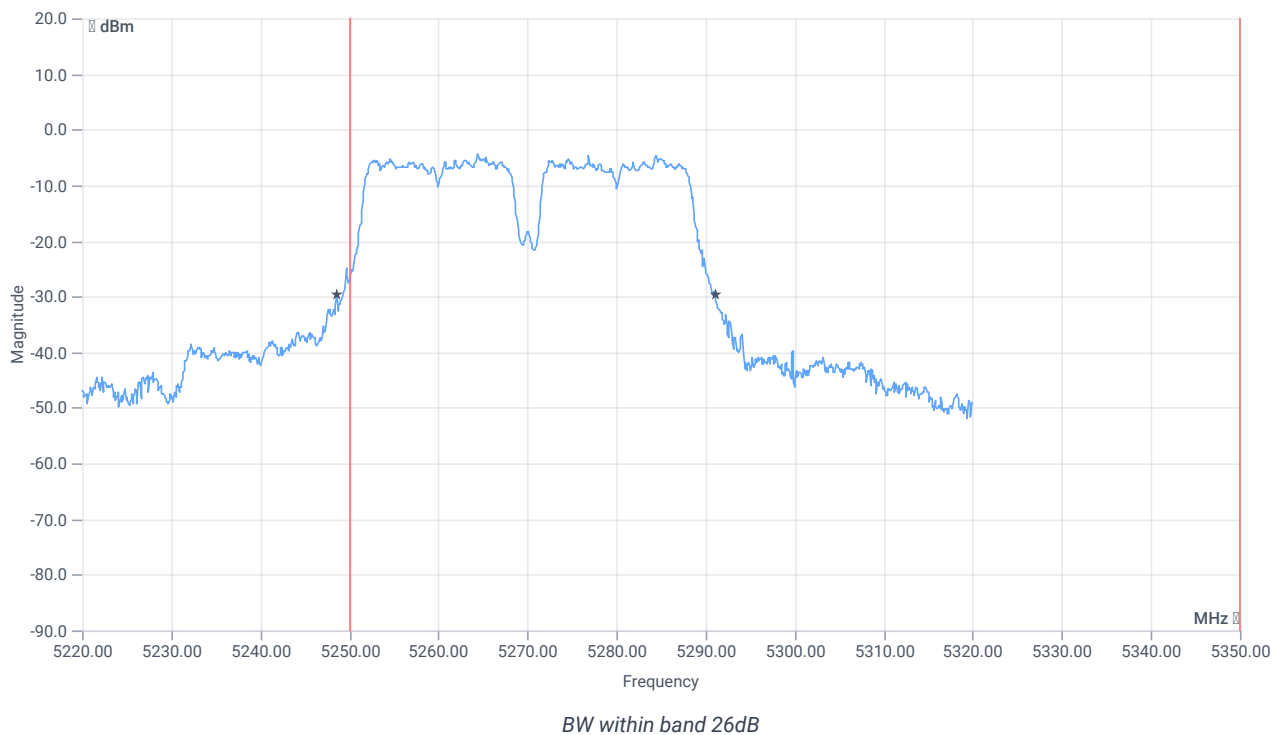
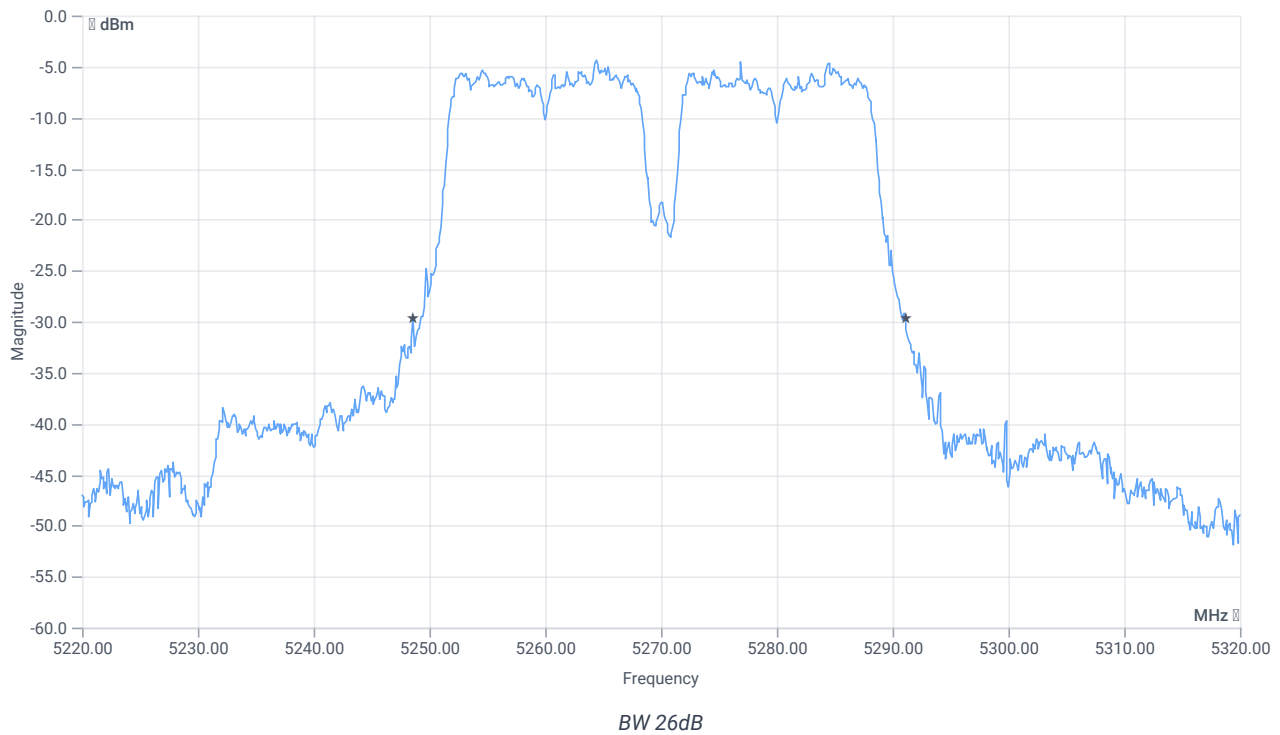




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5250.000000	---	5251.7183	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.3816	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.5	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5248.6000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5291.1000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A

References

TC start	14.05.2024 16:20:40
Ambit temp [°C] humidity [rel%]	28.4 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5310
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

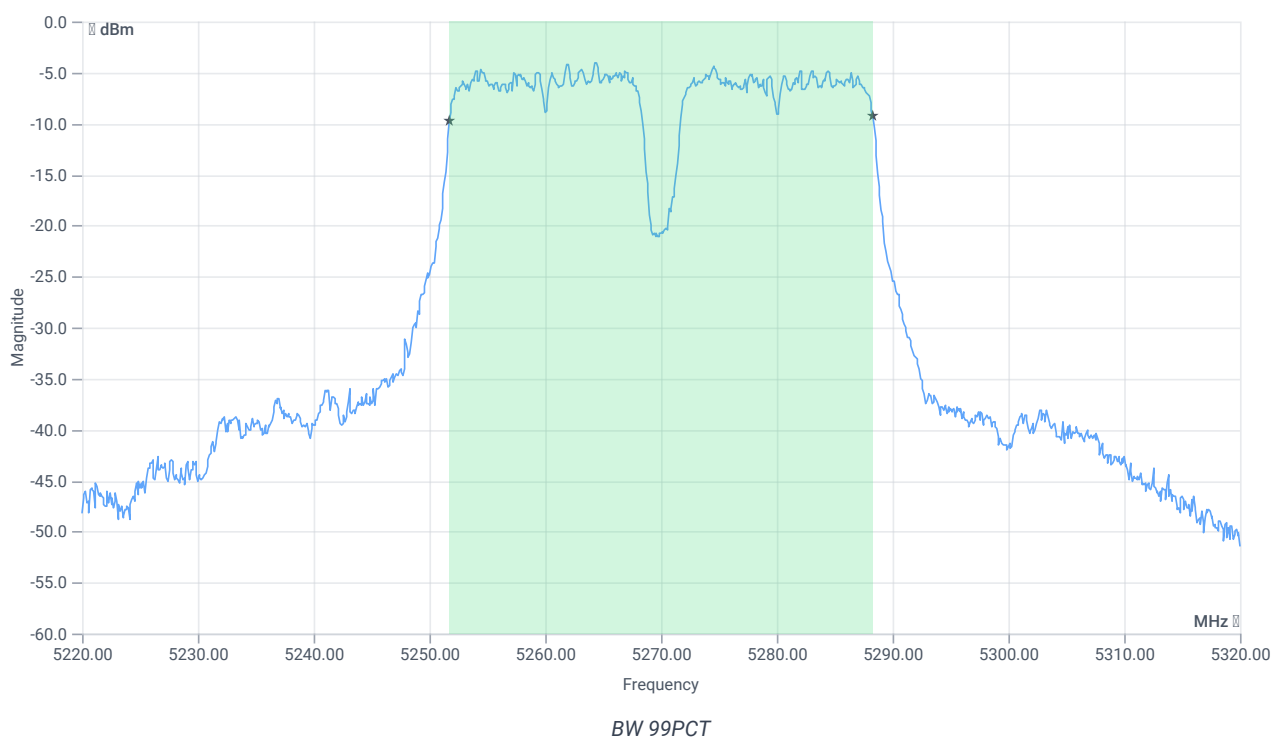
Test at TX 5270 MHz

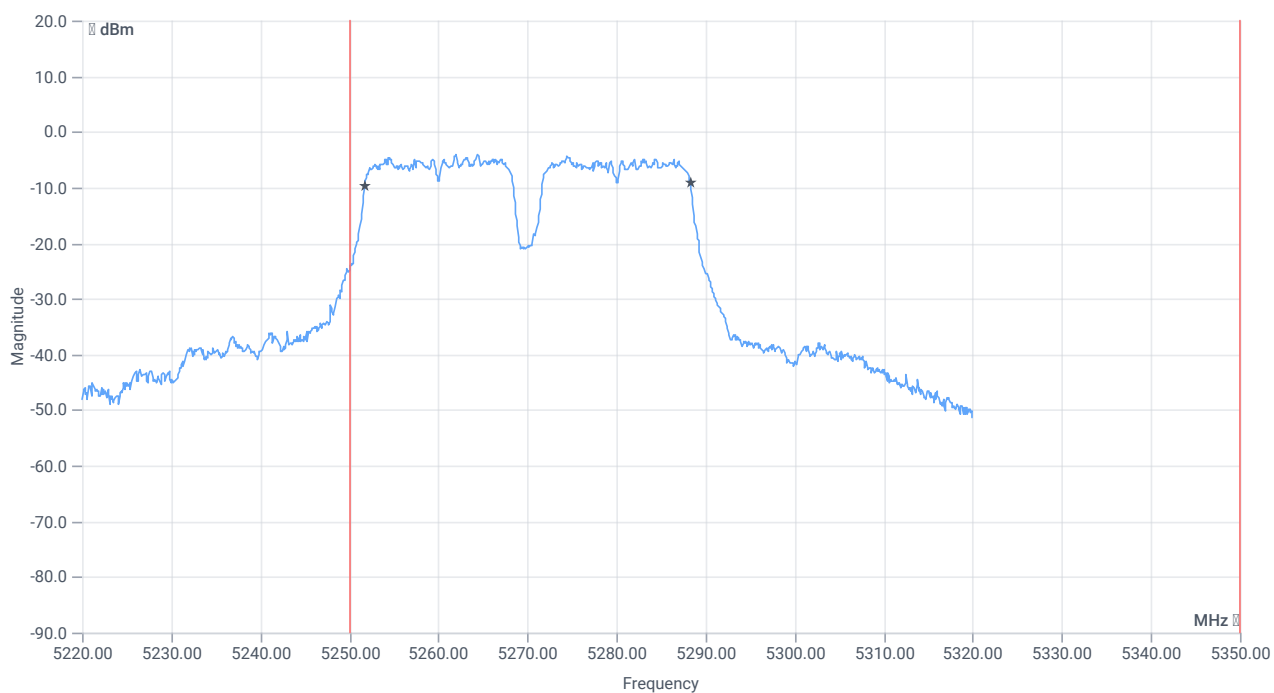
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-1.81	dBm	INFO
Ref. frequency	---	---	5254.220	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.19 13.15 10
Start [MHz] Stop [MHz]	5220.000 5320.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

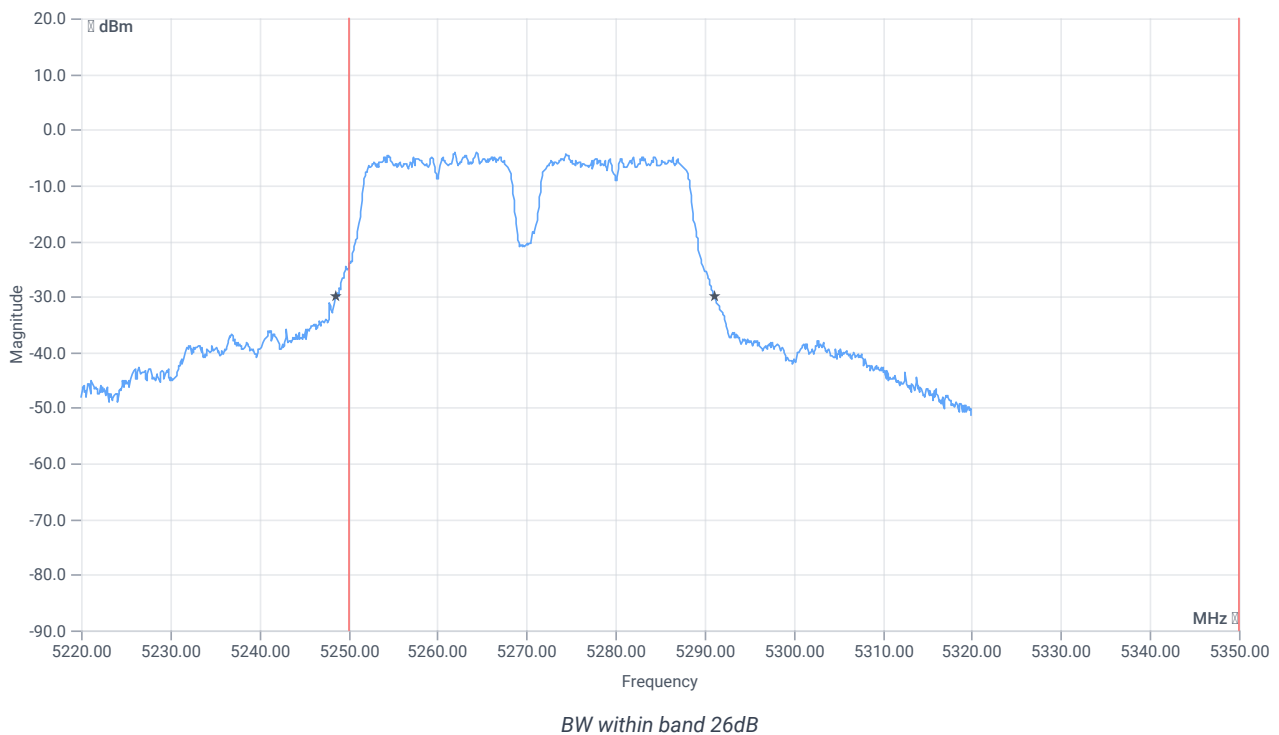
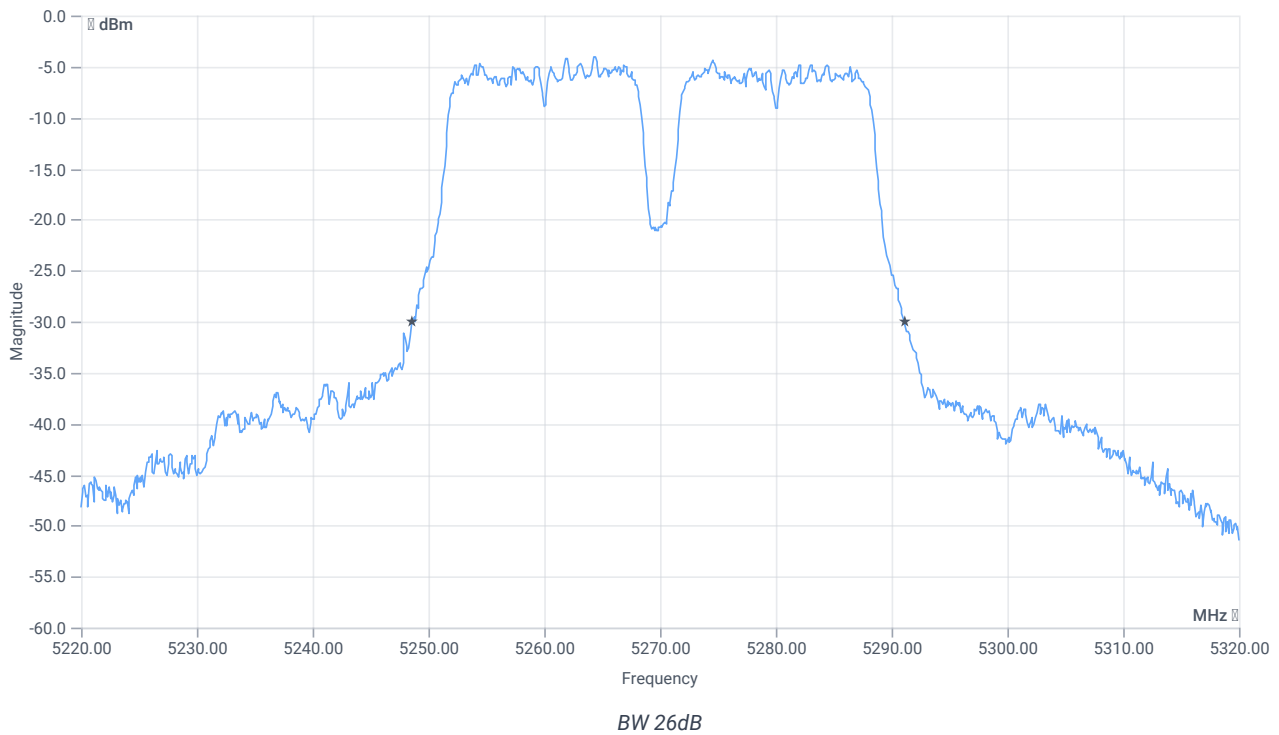




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.563	MHz	INFO
T1 99%	5250.000000	---	5251.7183	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5288.2817	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.5	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5248.6000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5291.1000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A

References

TC start	14.05.2024 16:25:23
Ambit temp [°C] humidity [rel%]	28.4 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5310
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

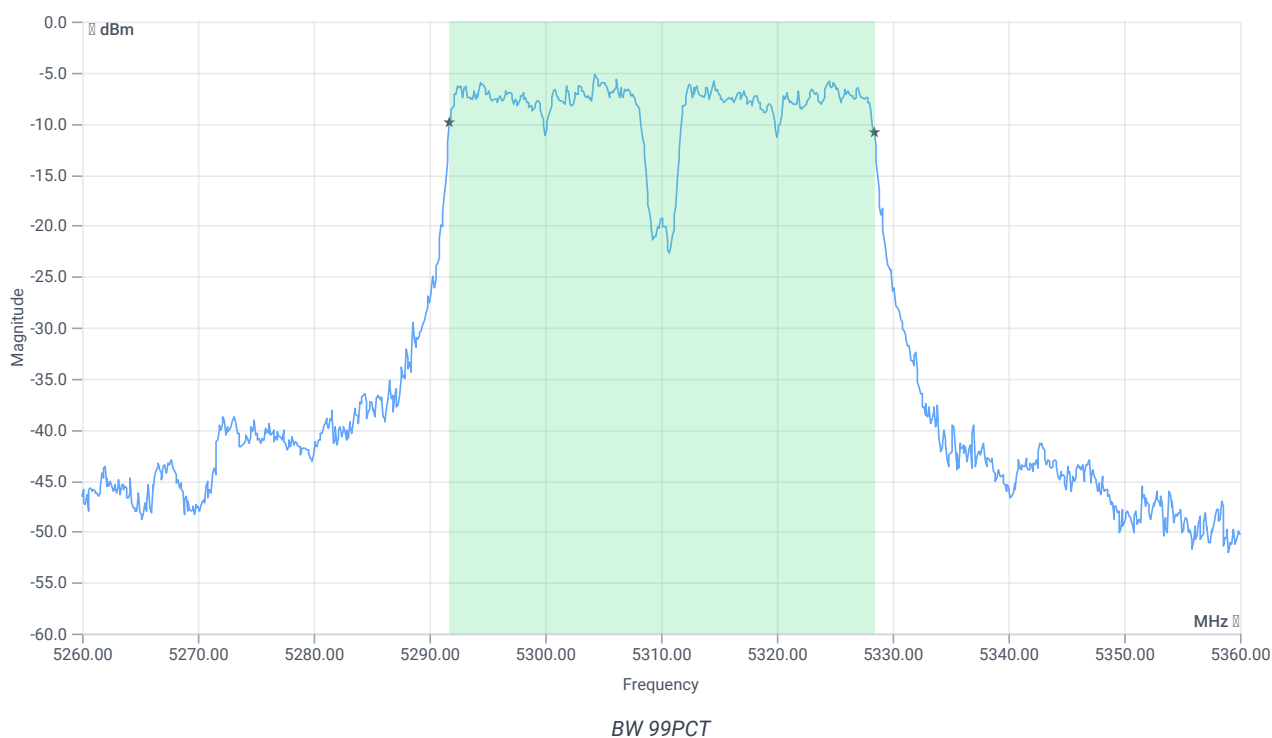
Test at TX 5310 MHz

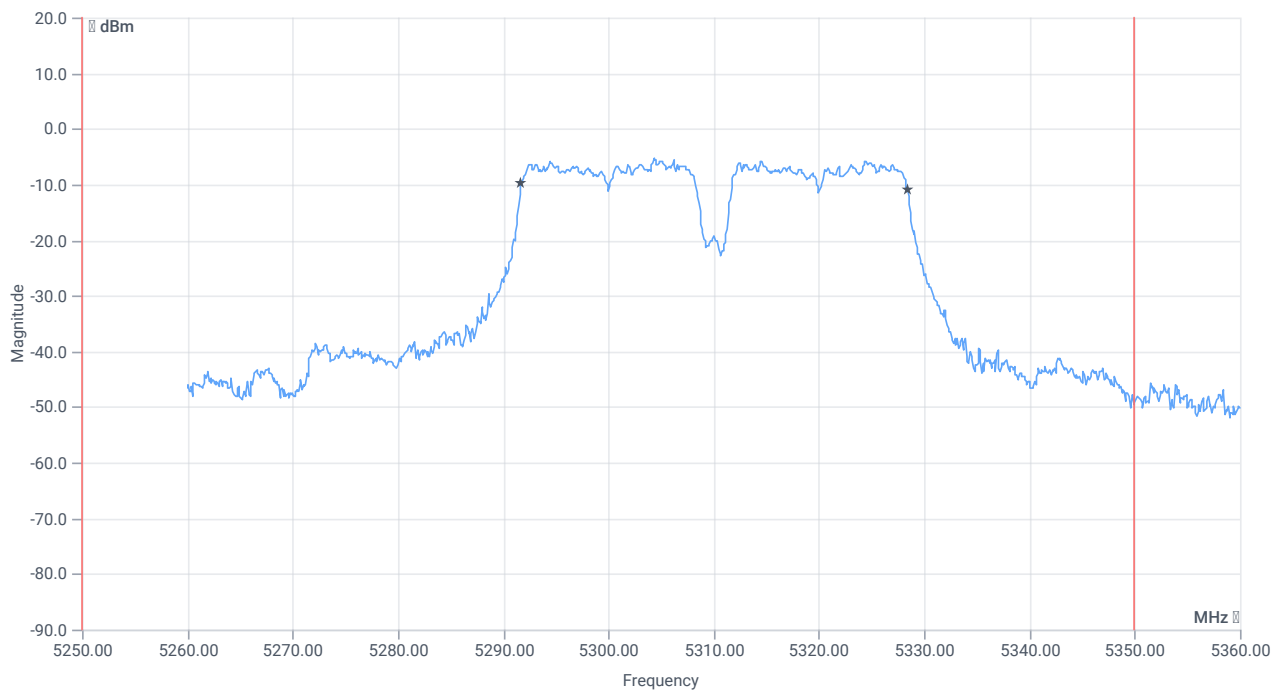
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.30	dBm	INFO
Ref. frequency	---	---	5294.420	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.70 13.79 10
Start [MHz] Stop [MHz]	5260.000 5360.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

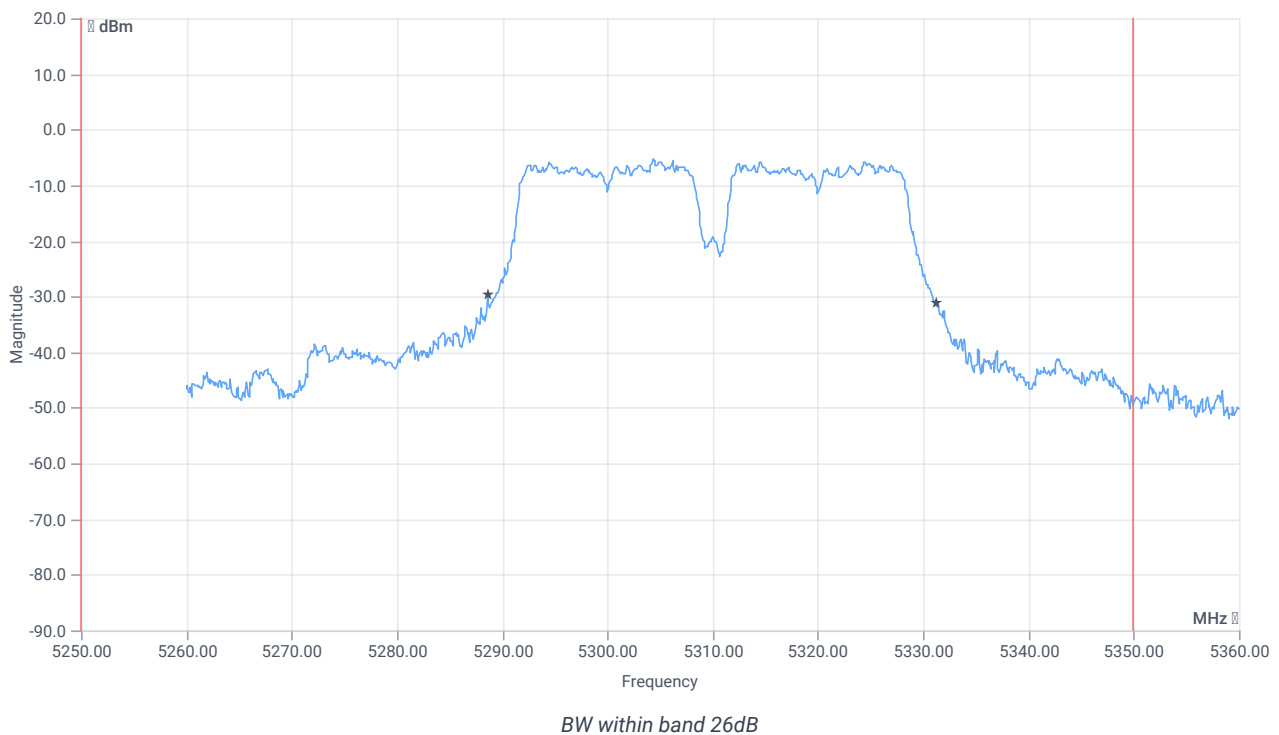
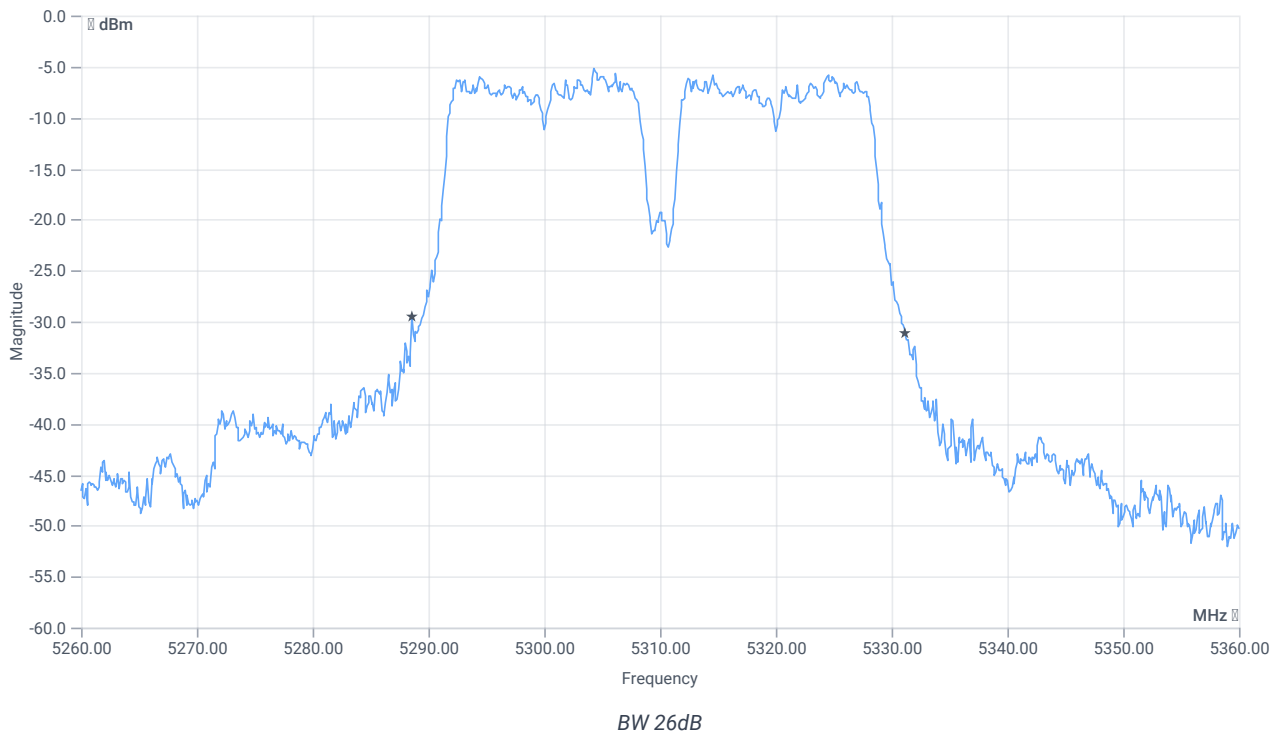




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5250.000000	---	5291.7183	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.3816	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.6	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5288.6000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5331.2000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2A

References

TC start	14.05.2024 16:29:05
Ambit temp [°C] humidity [rel%]	28.5 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5310
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

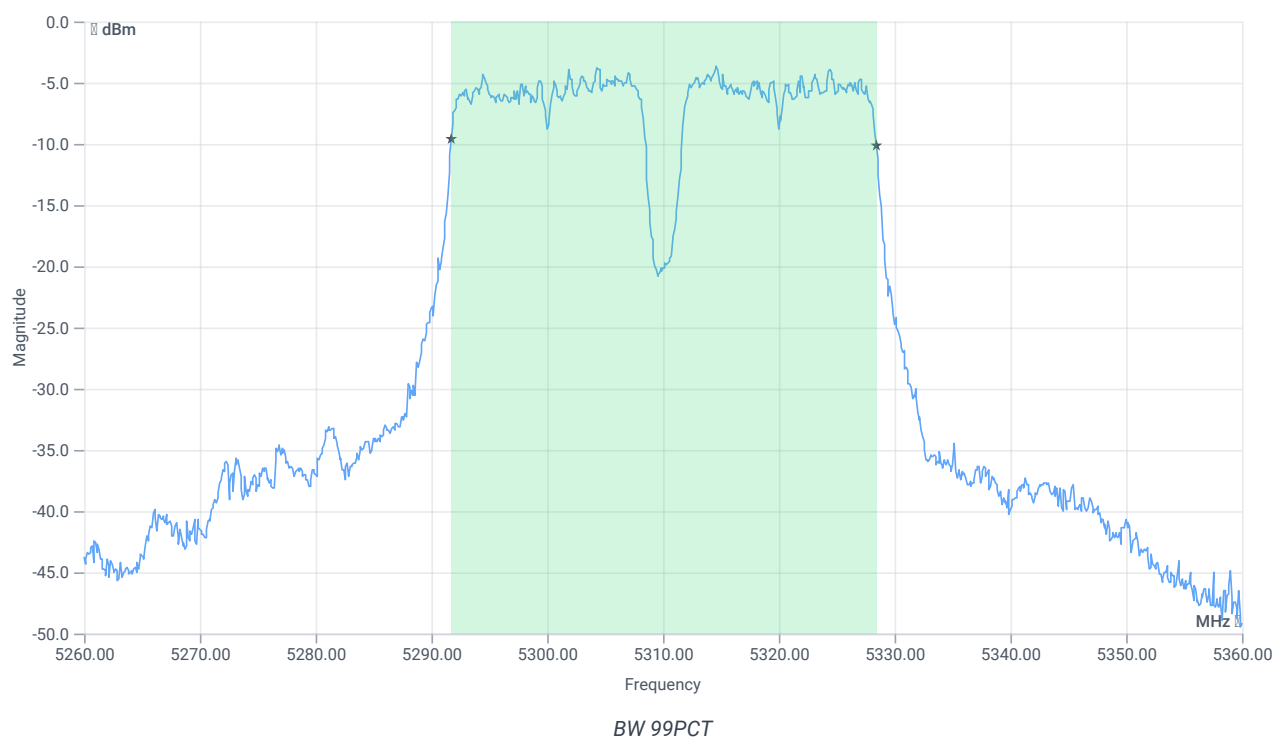
Test at TX 5310 MHz

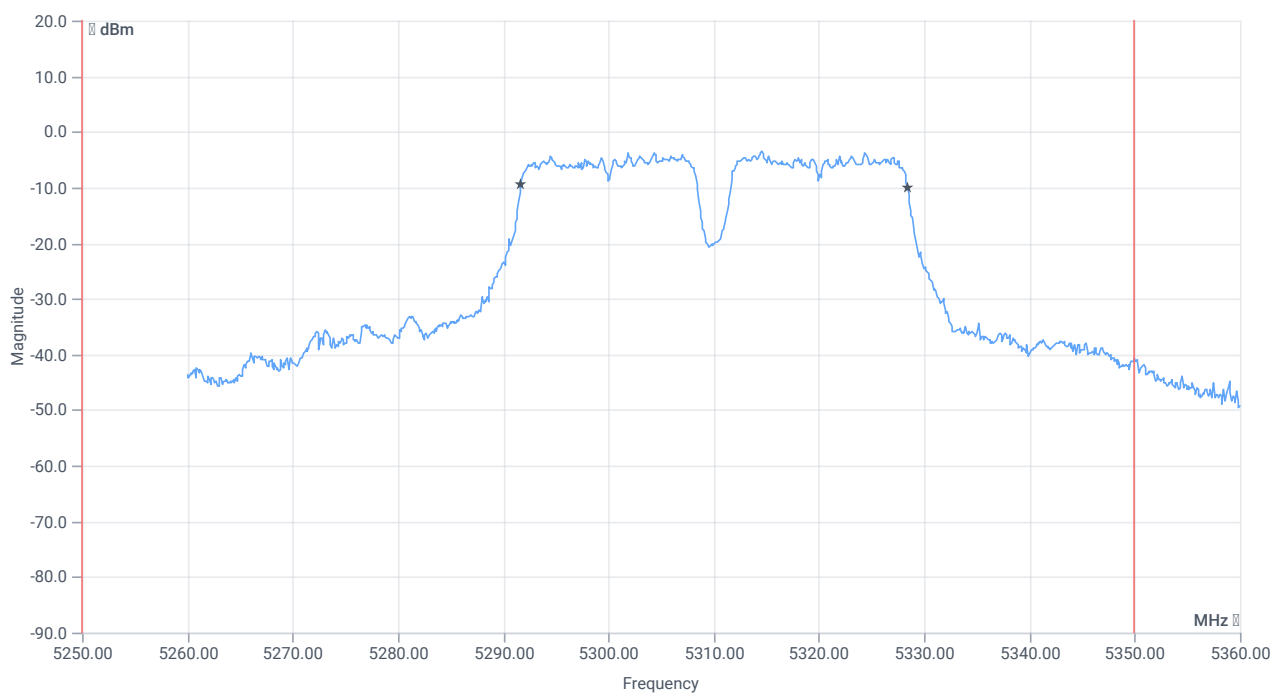
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.88	dBm	INFO
Ref. frequency	---	---	5305.000	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.12 13.61 10
Start [MHz] Stop [MHz]	5260.000 5360.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

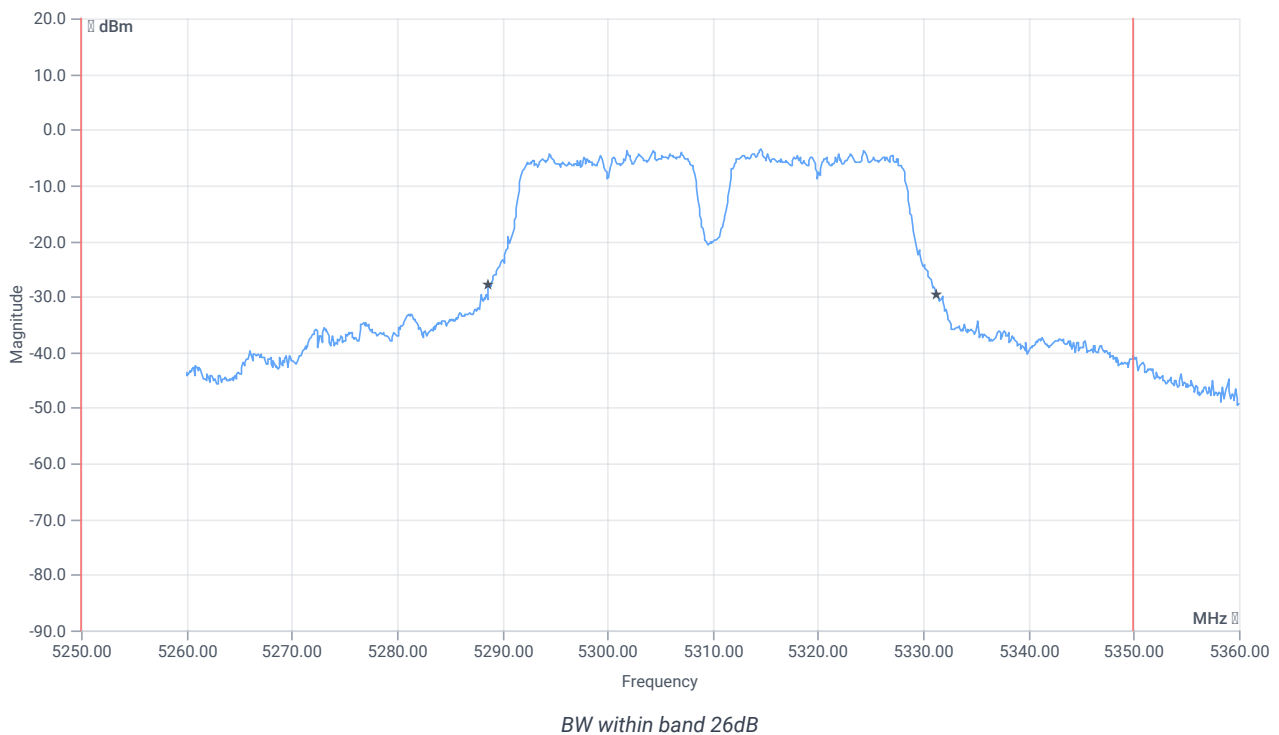
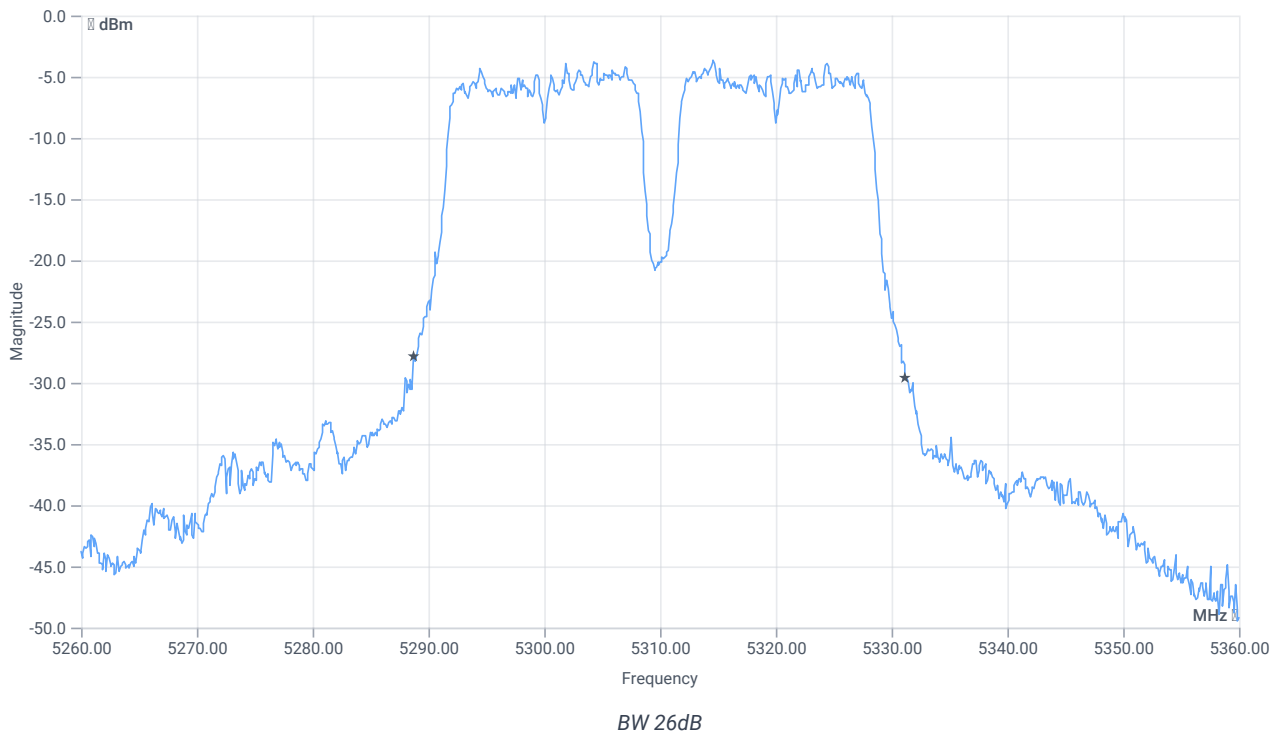




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5250.000000	---	5291.7183	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.3816	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.5	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5288.7000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5331.2000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:34:00
Ambit temp [°C] humidity [rel%]	28.5 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

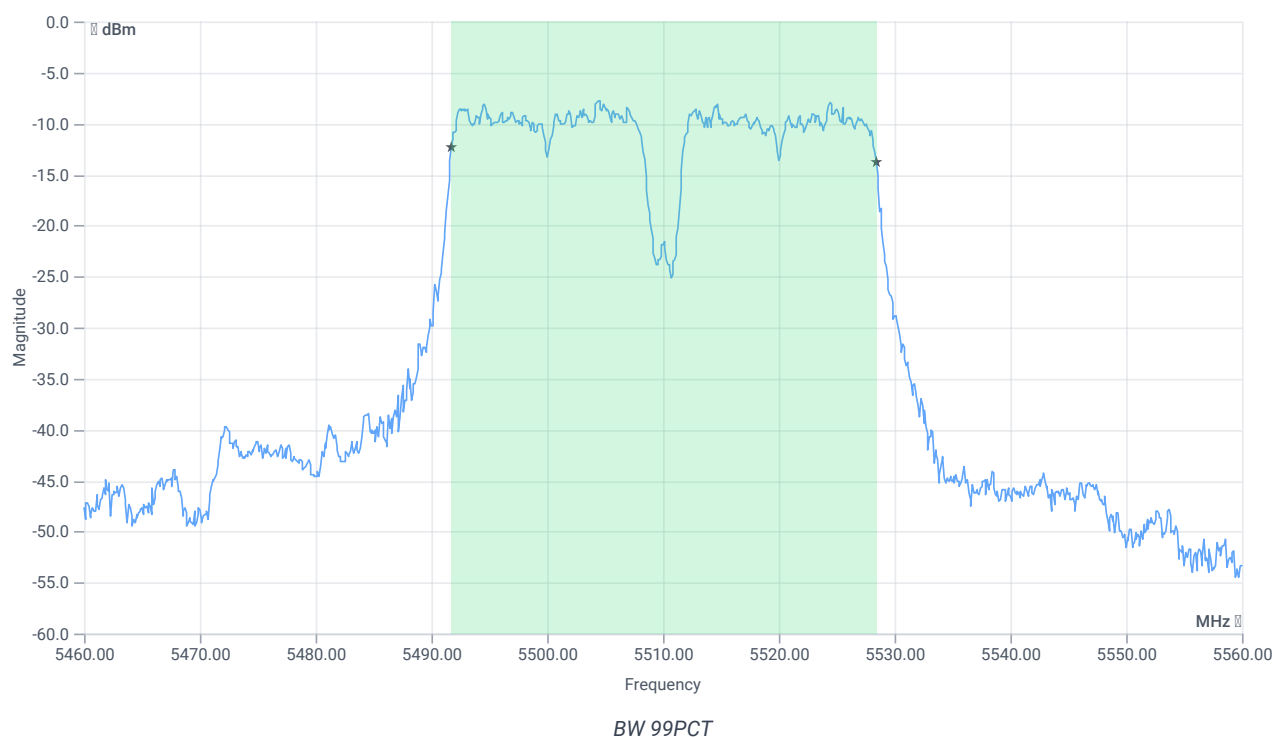
Test at TX 5510 MHz

RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.83	dBm	INFO
Ref. frequency	---	---	5493.220	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.17 13.59 5
Start [MHz] Stop [MHz]	5460.000 5560.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

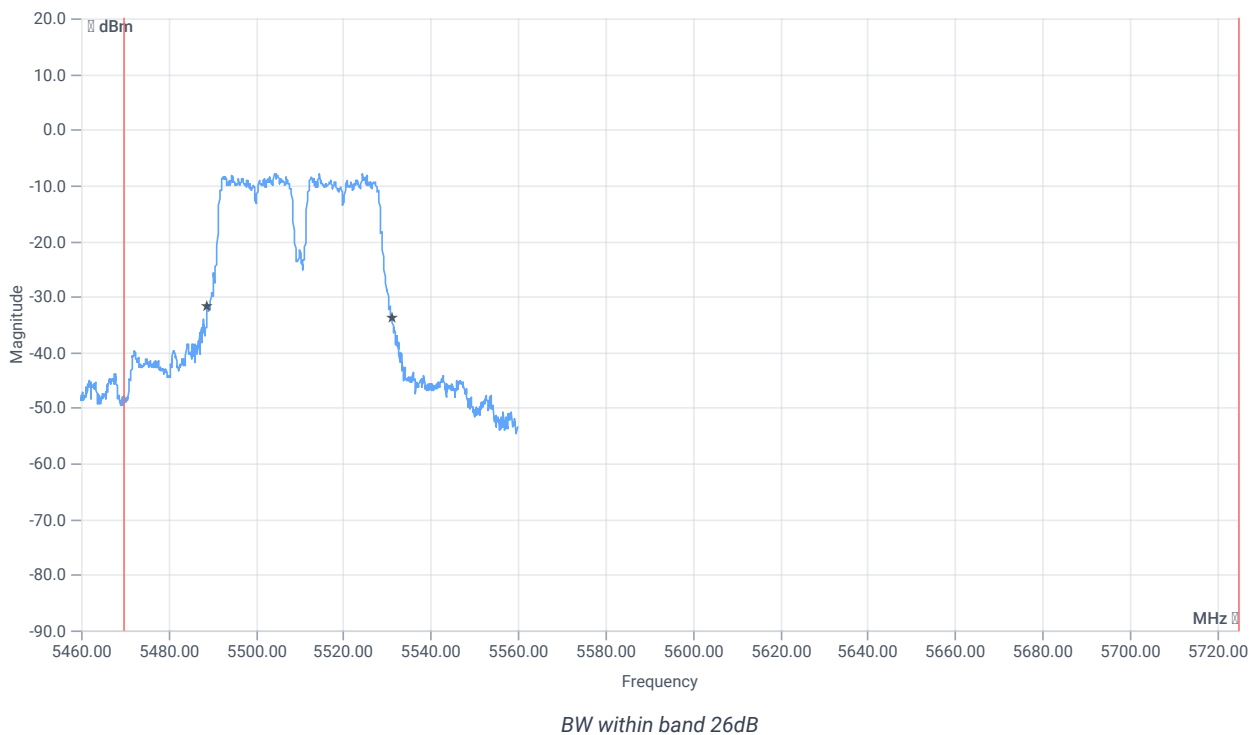
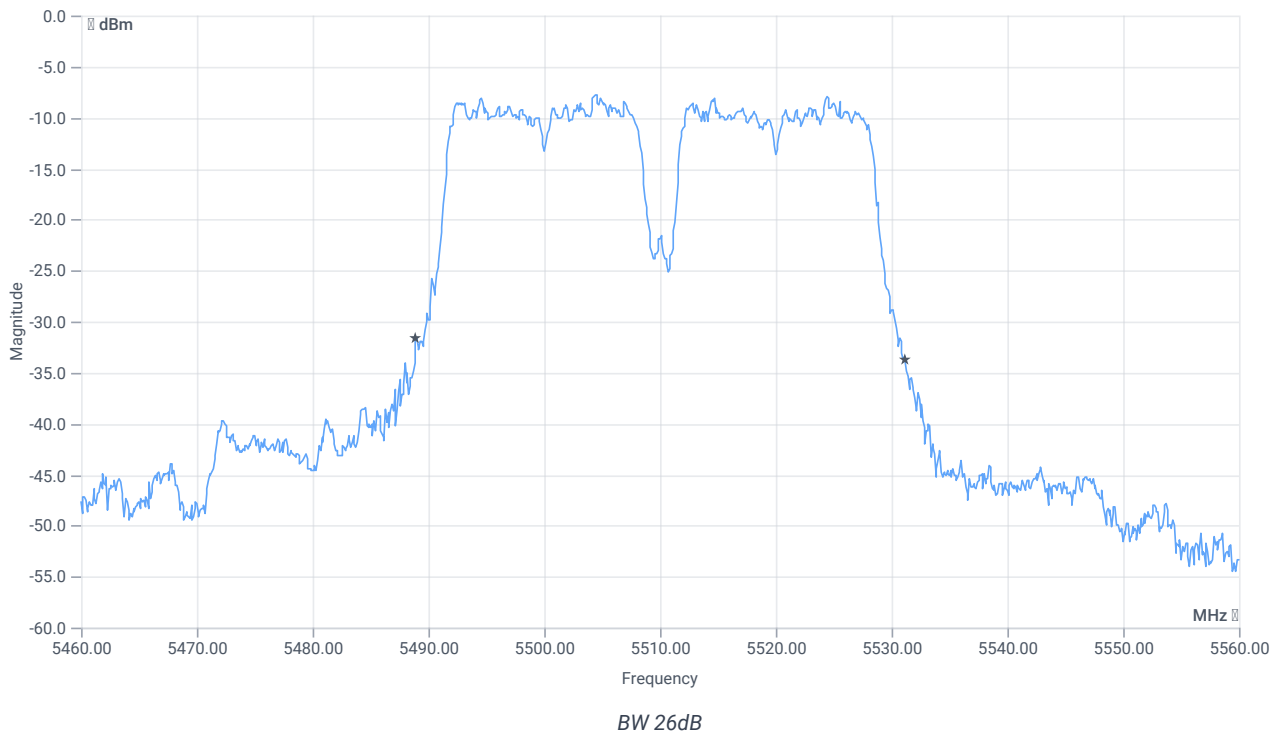




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5470.000000	---	5491.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5528.3816	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.3	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5488.9000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5531.2000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:37:26
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

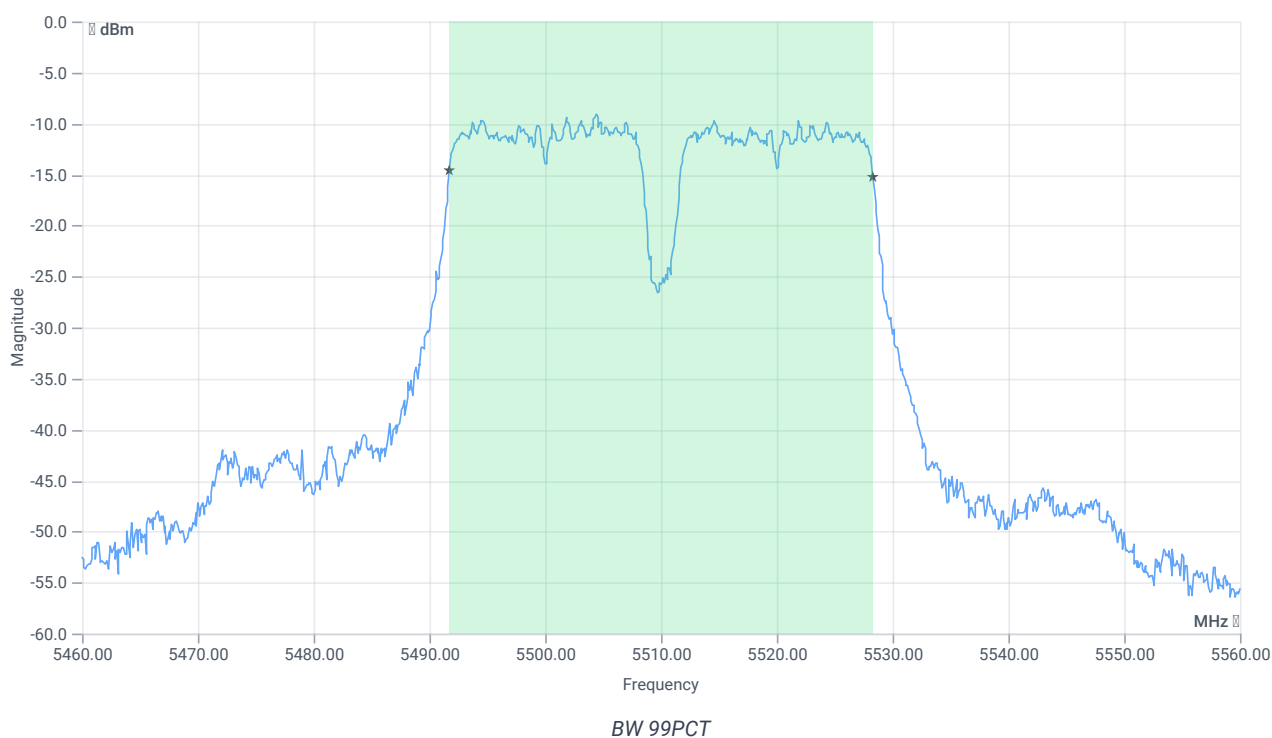
Test at TX 5510 MHz

RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.00	dBm	INFO
Ref. frequency	---	---	5505.200	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.00 13.47 5
Start [MHz] Stop [MHz]	5460.000 5560.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

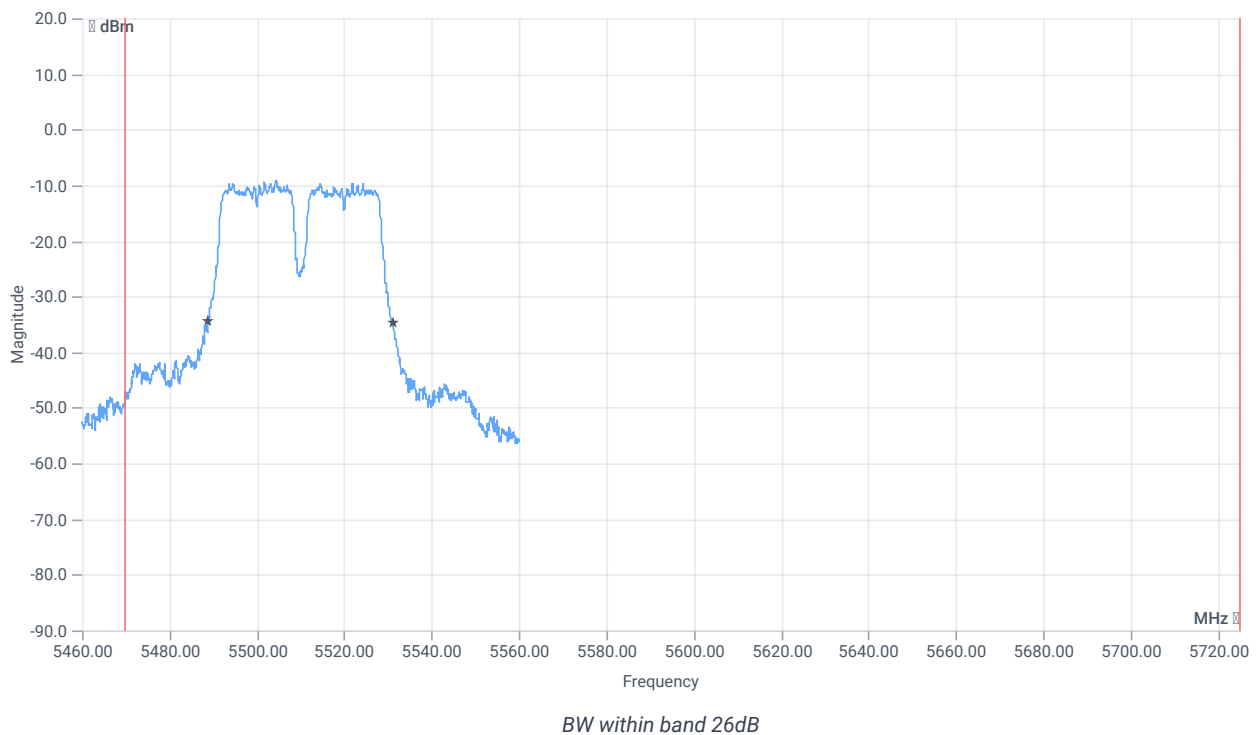
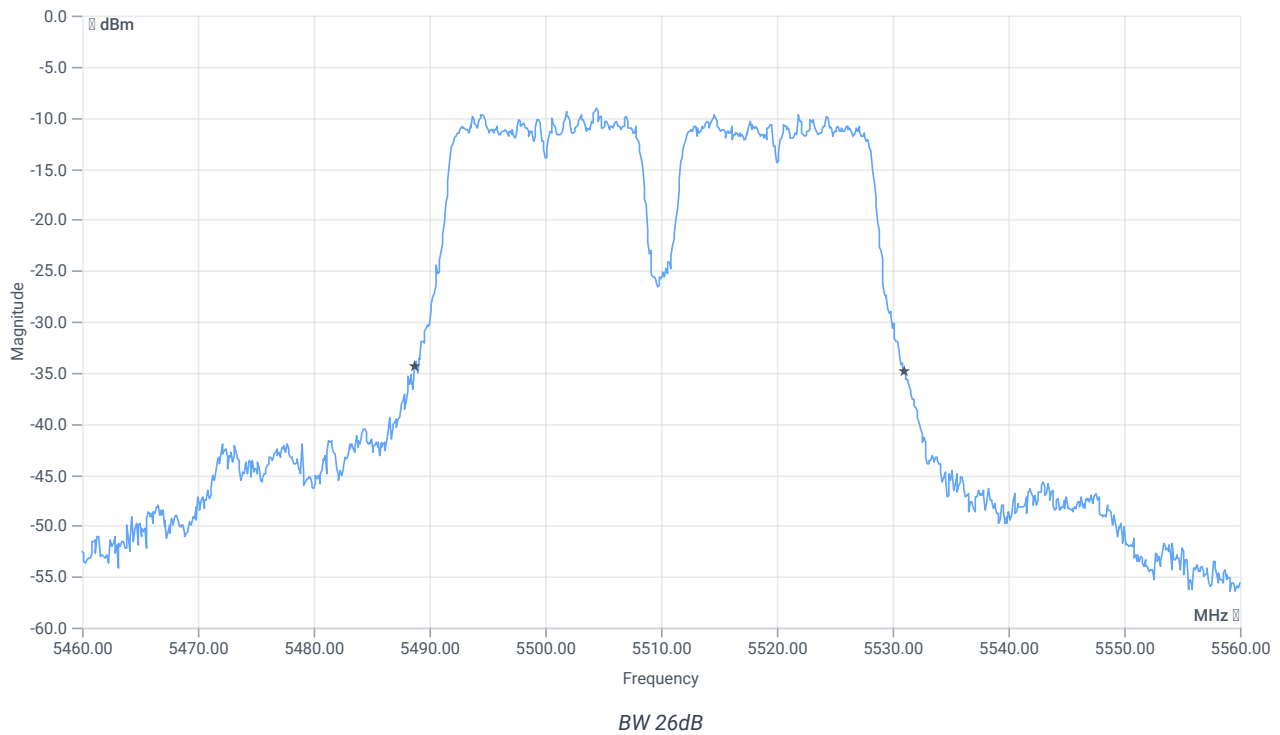




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.563	MHz	INFO
T1 99%	5470.000000	---	5491.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5528.2817	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.3	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5488.7000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5531.0000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:45:04
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	True Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

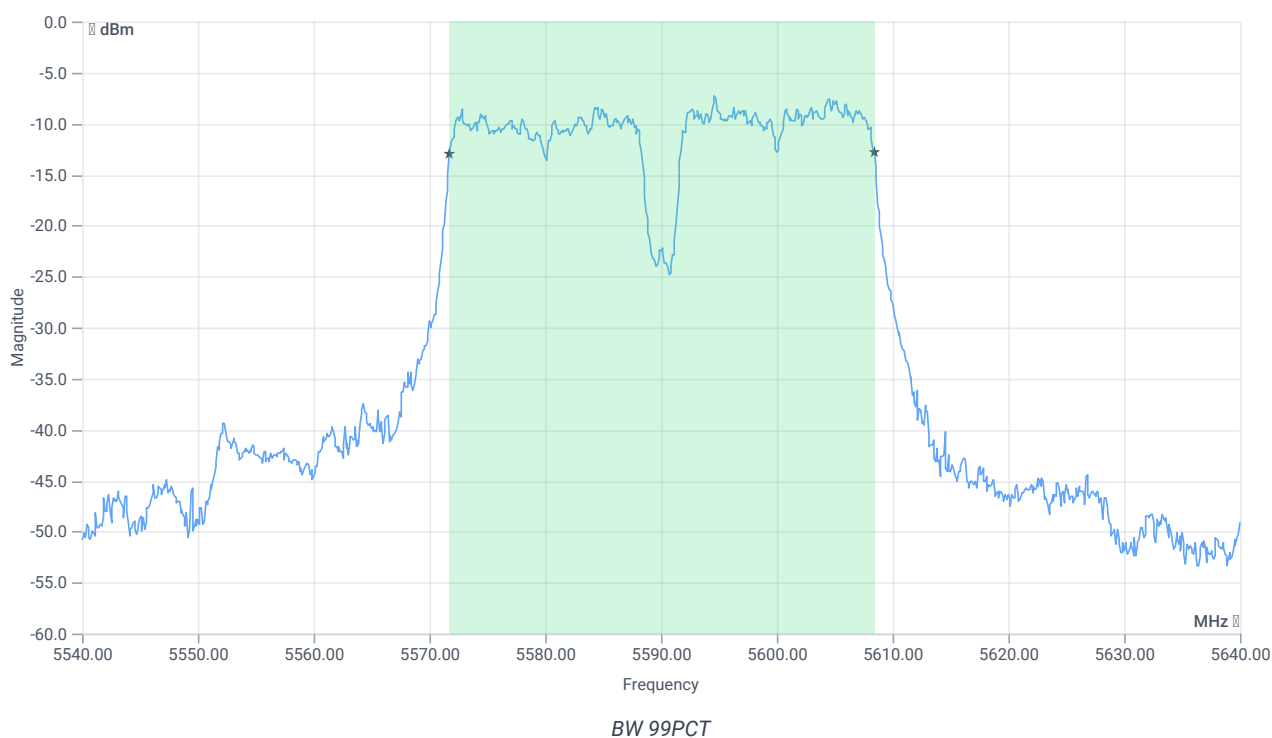
Test at TX 5590 MHz

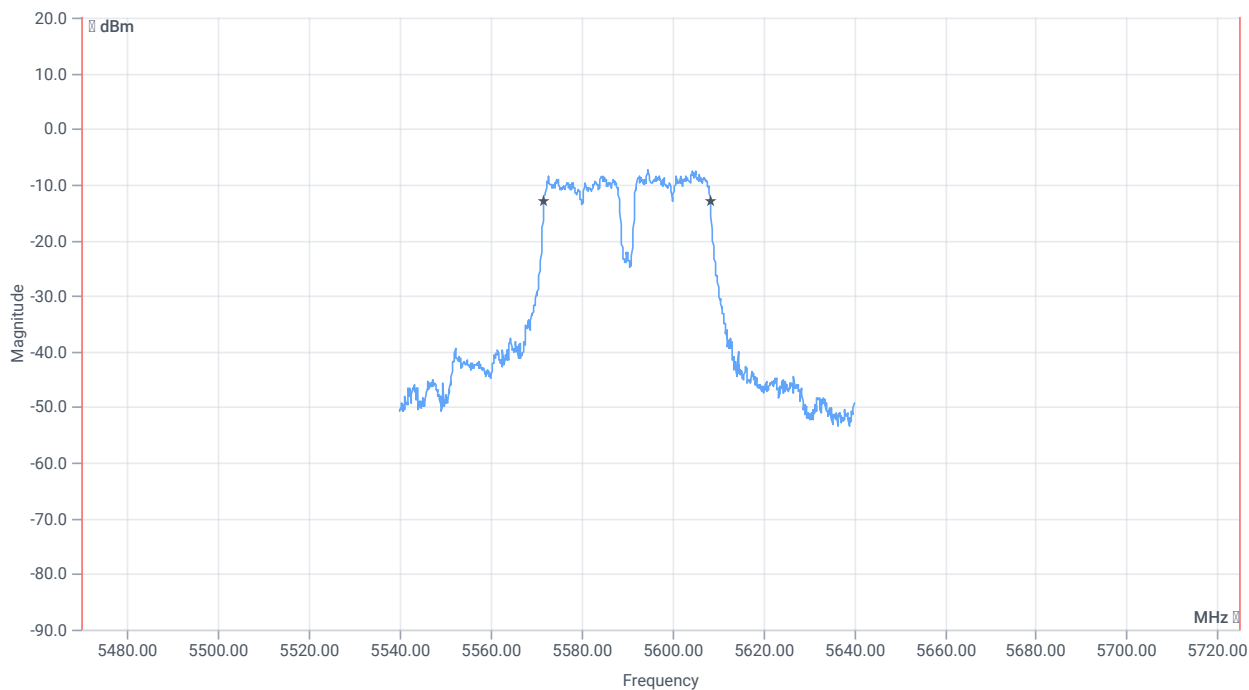
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.61	dBm	INFO
Ref. frequency	---	---	5595.990	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.39 13.8 5
Start [MHz] Stop [MHz]	5540.000 5640.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

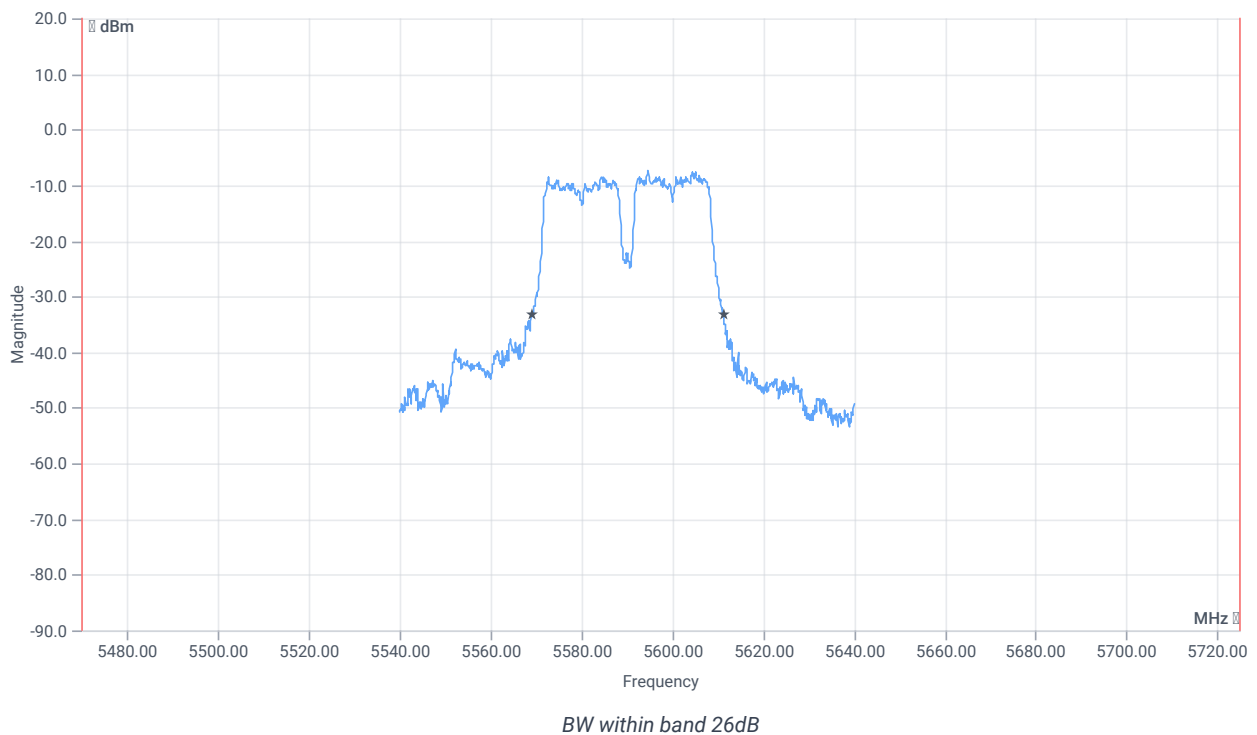
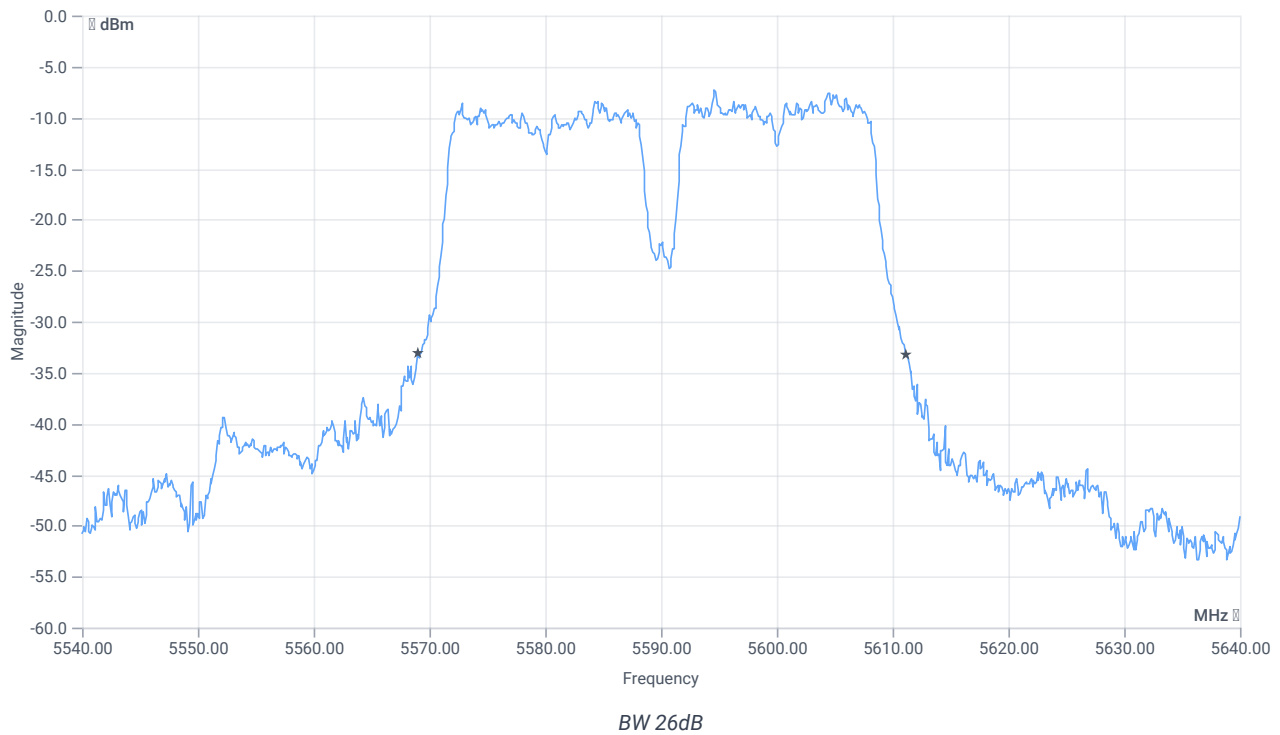




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5470.000000	---	5571.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.3816	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.2	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5569.0000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5611.2000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:48:29
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	True Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

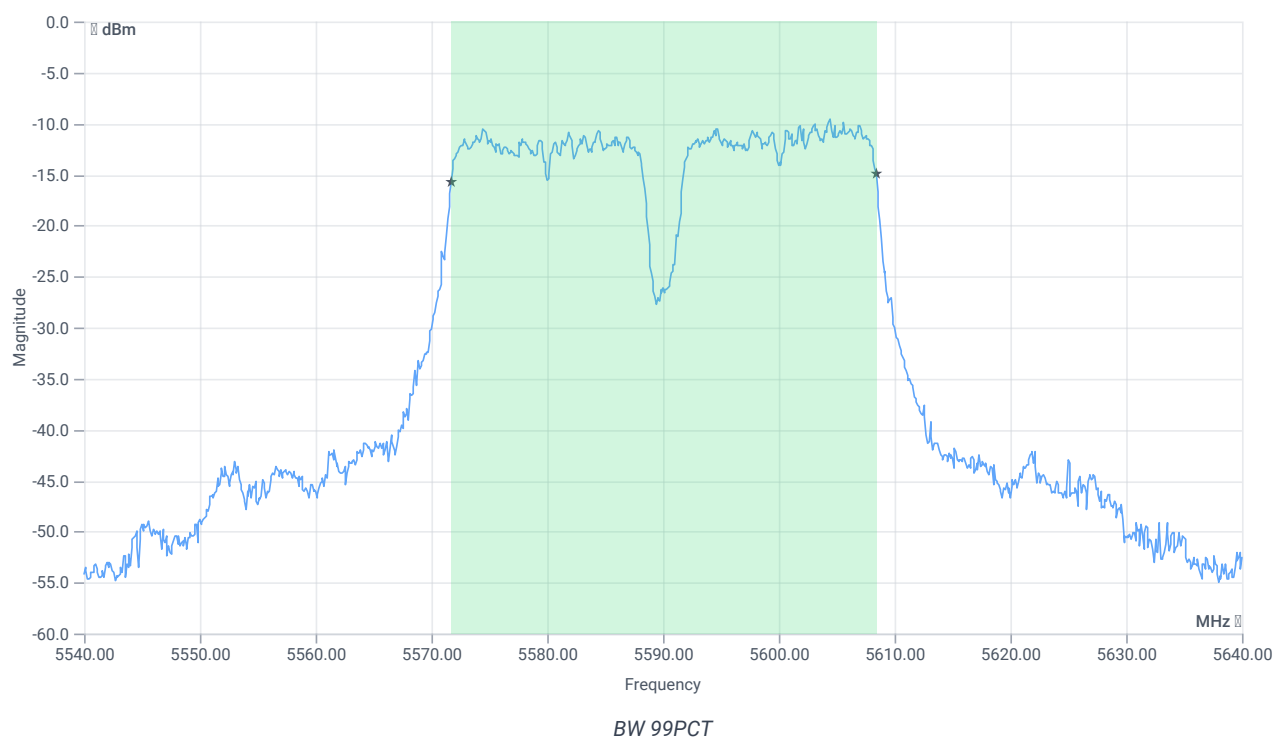
Test at TX 5590 MHz

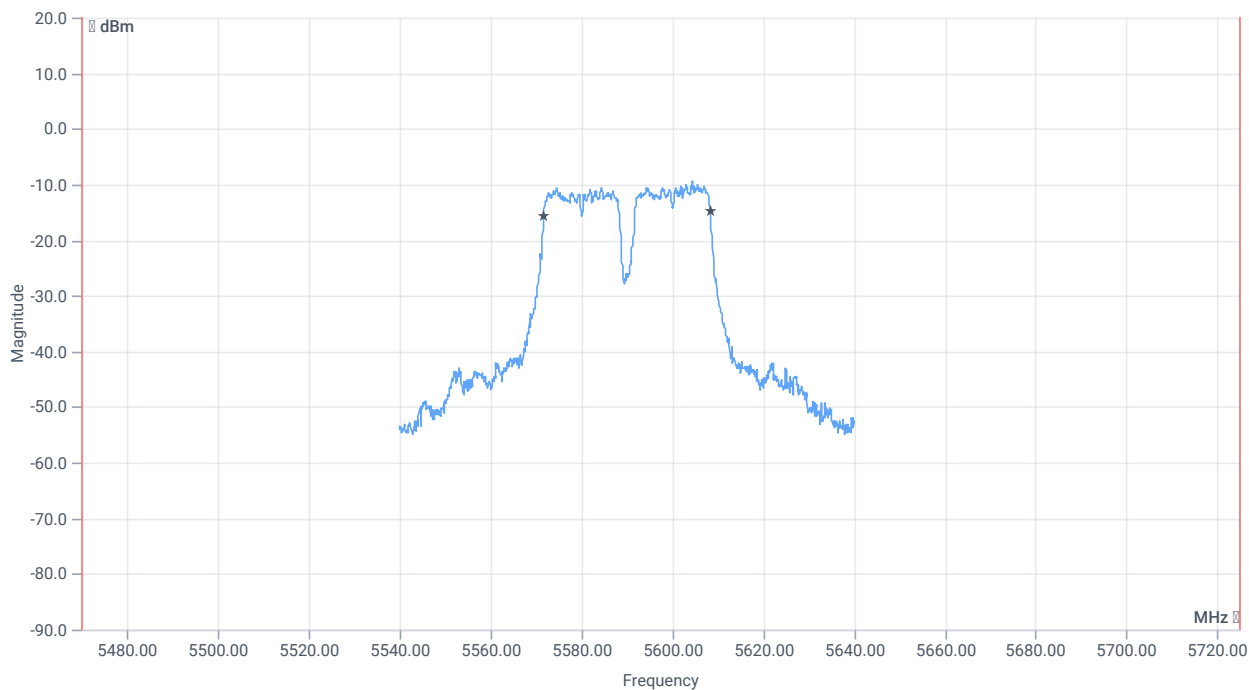
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.18	dBm	INFO
Ref. frequency	---	---	5603.190	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.82 13.51 5
Start [MHz] Stop [MHz]	5540.000 5640.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

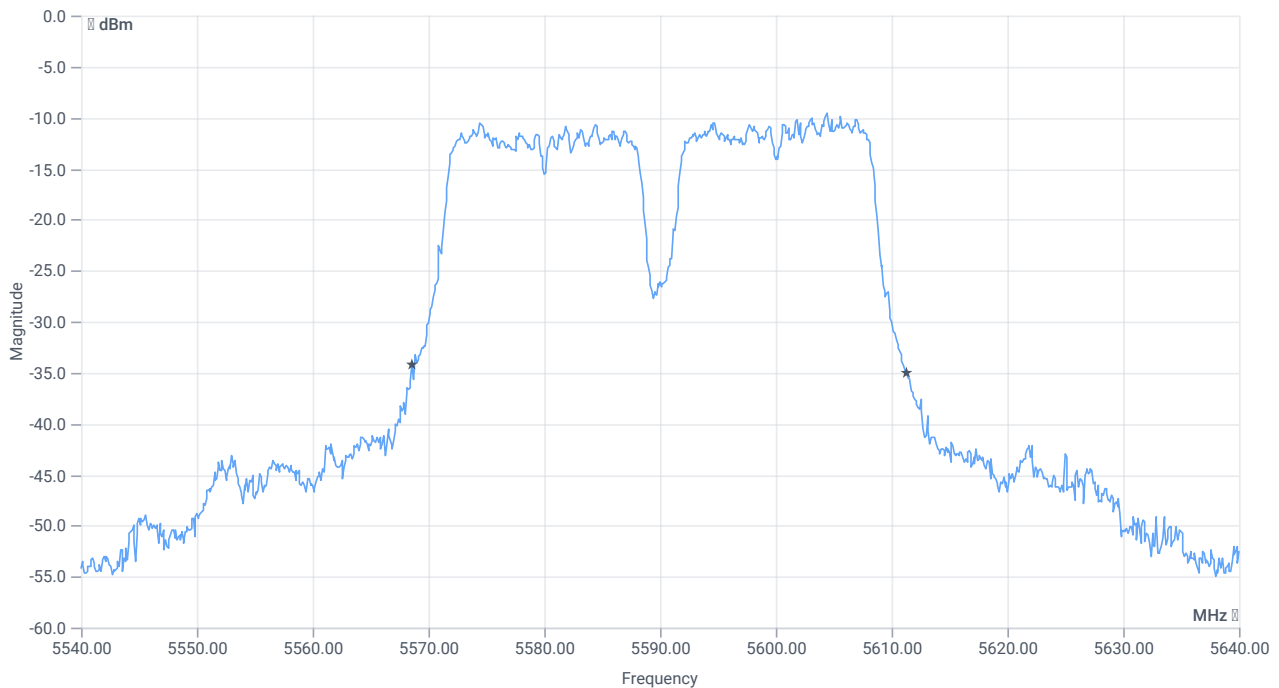




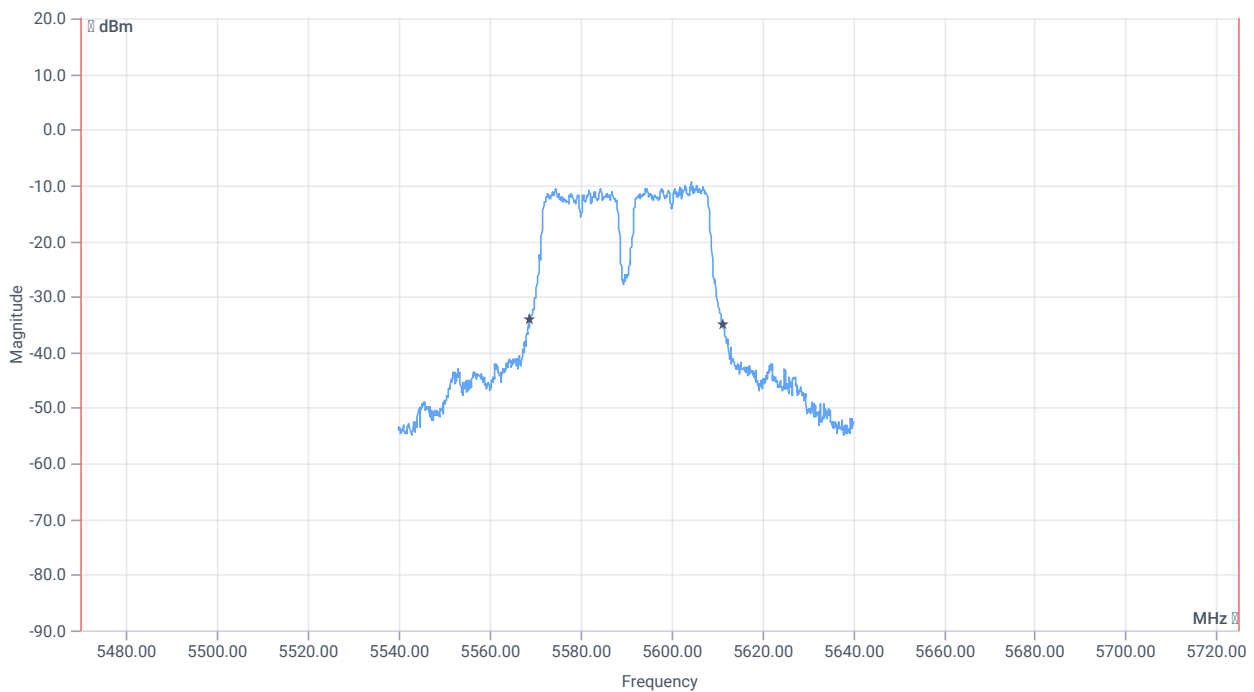
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5470.000000	---	5571.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.3816	MHz	



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.7	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5568.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5611.3000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:52:30
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	True Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

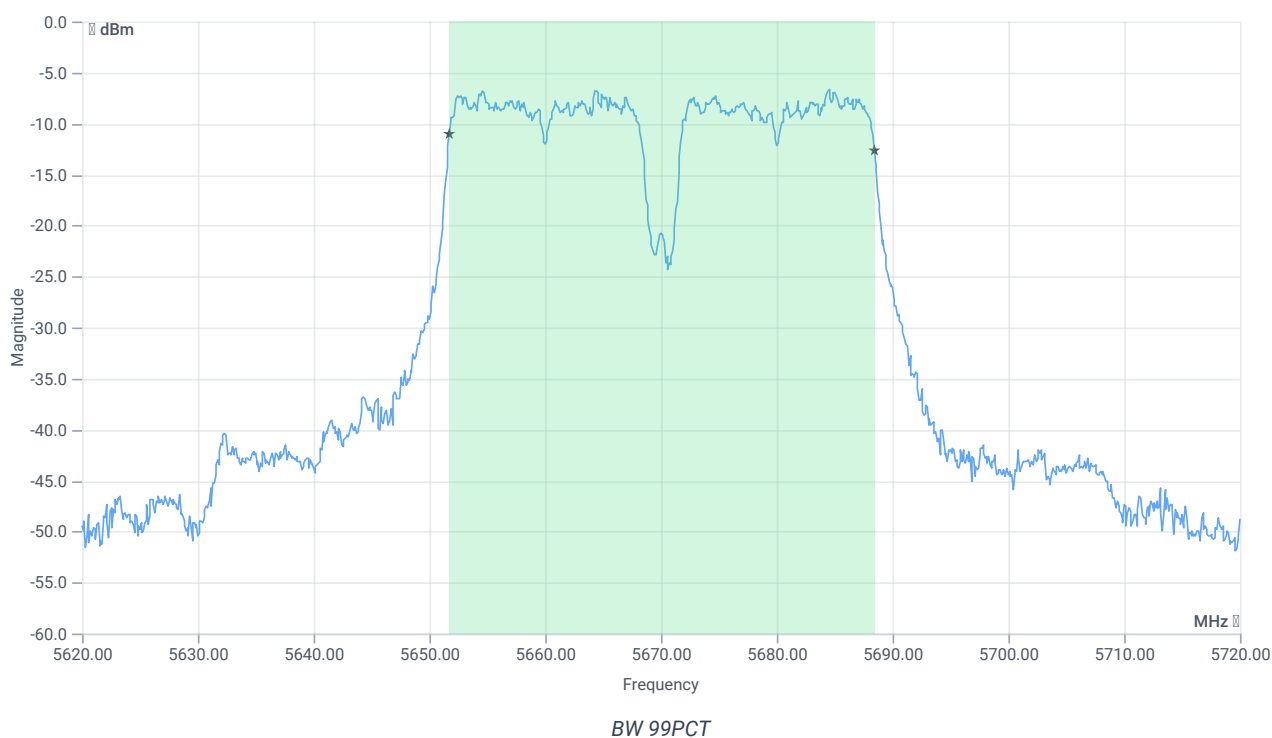
Test at TX 5670 MHz

RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.30	dBm	INFO
Ref. frequency	---	---	5677.590	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.70 13.51 10
Start [MHz] Stop [MHz]	5620.000 5720.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

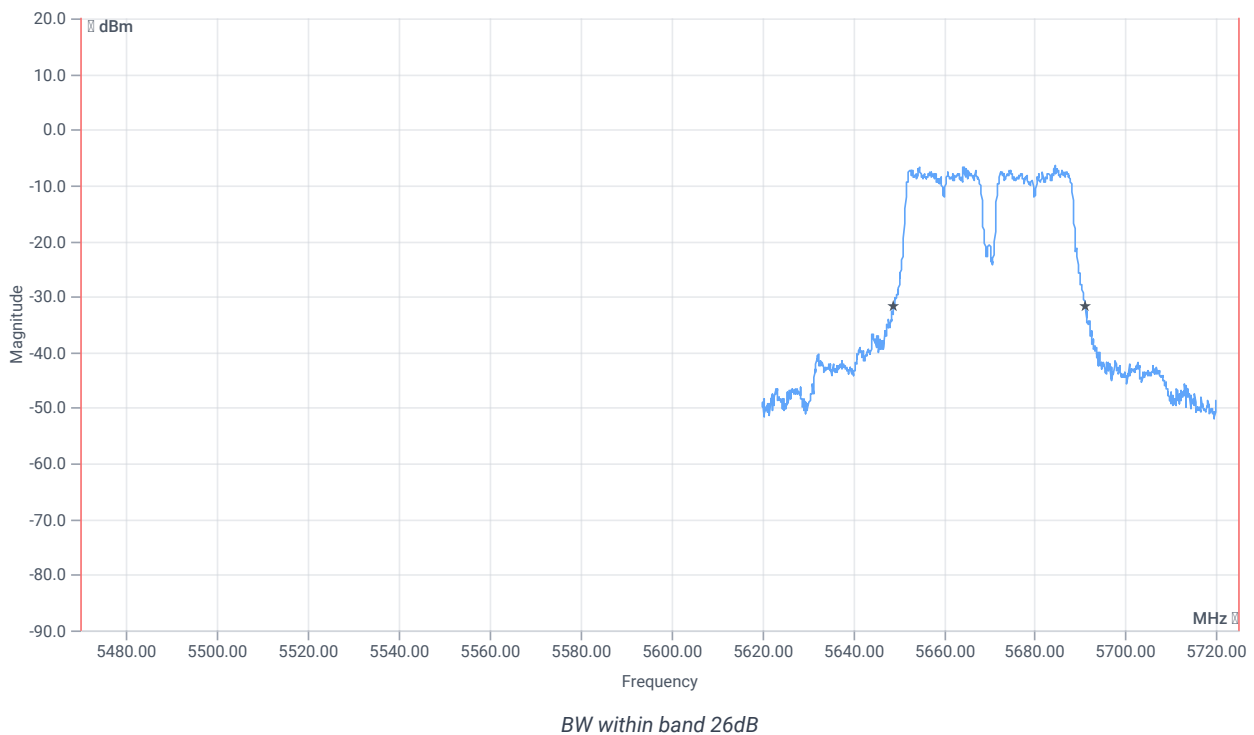
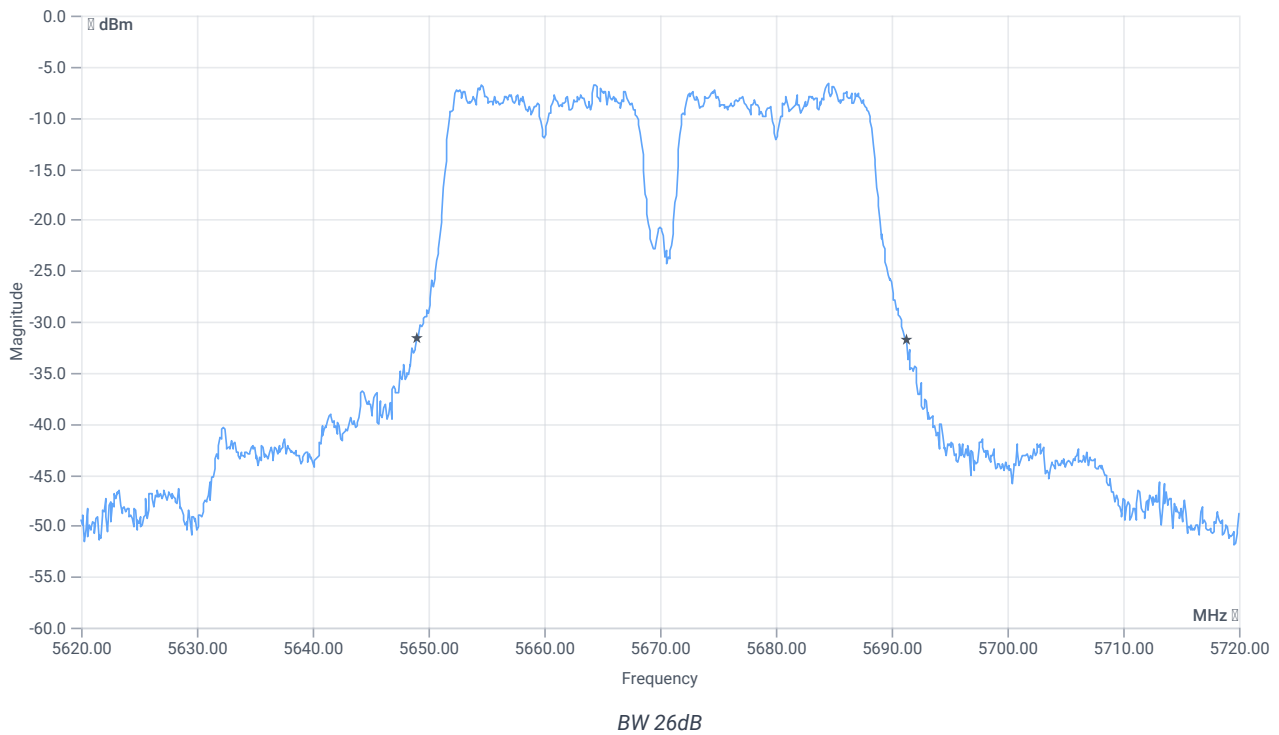




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5470.000000	---	5651.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5688.3816	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.3	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5649.0000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5691.3000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx n-HT40 mode U-NII-2C

References

TC start	14.05.2024 16:55:56
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	True Freq [MHz] 5670
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

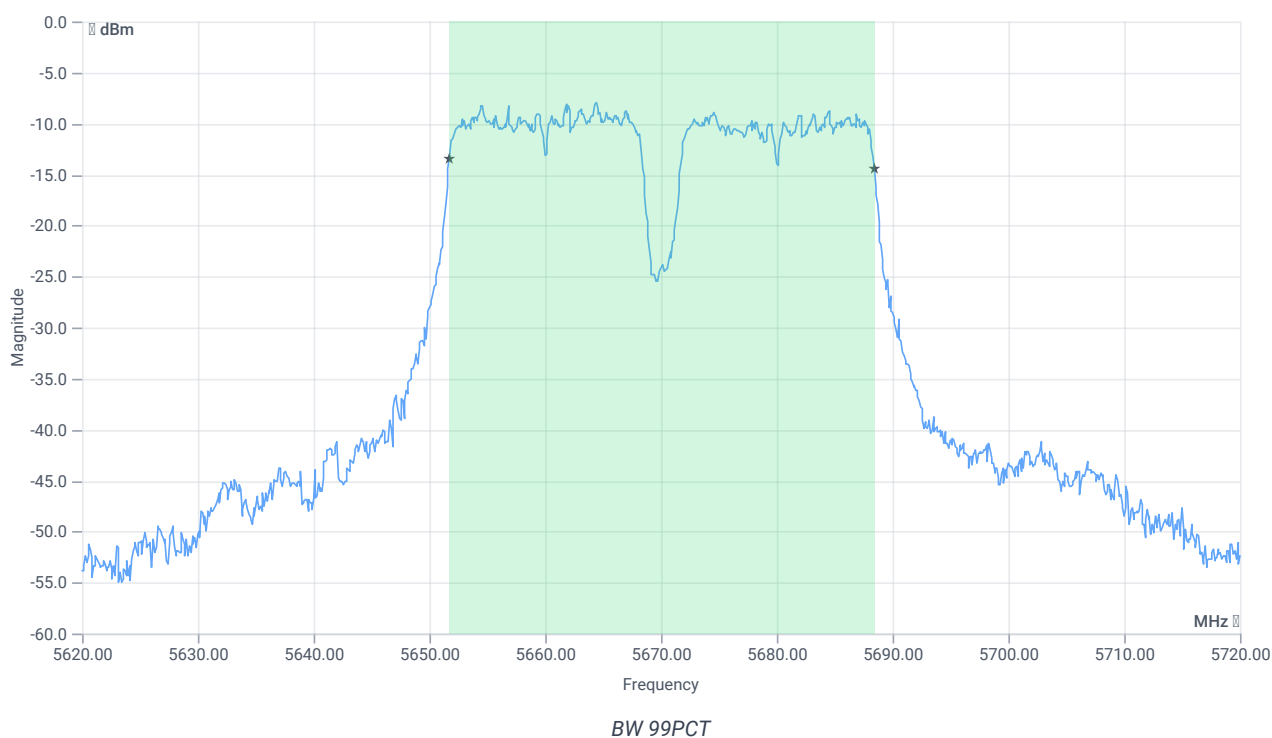
Test at TX 5670 MHz

RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.10	dBm	INFO
Ref. frequency	---	---	5652.620	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.90 13.38 5
Start [MHz] Stop [MHz]	5620.000 5720.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

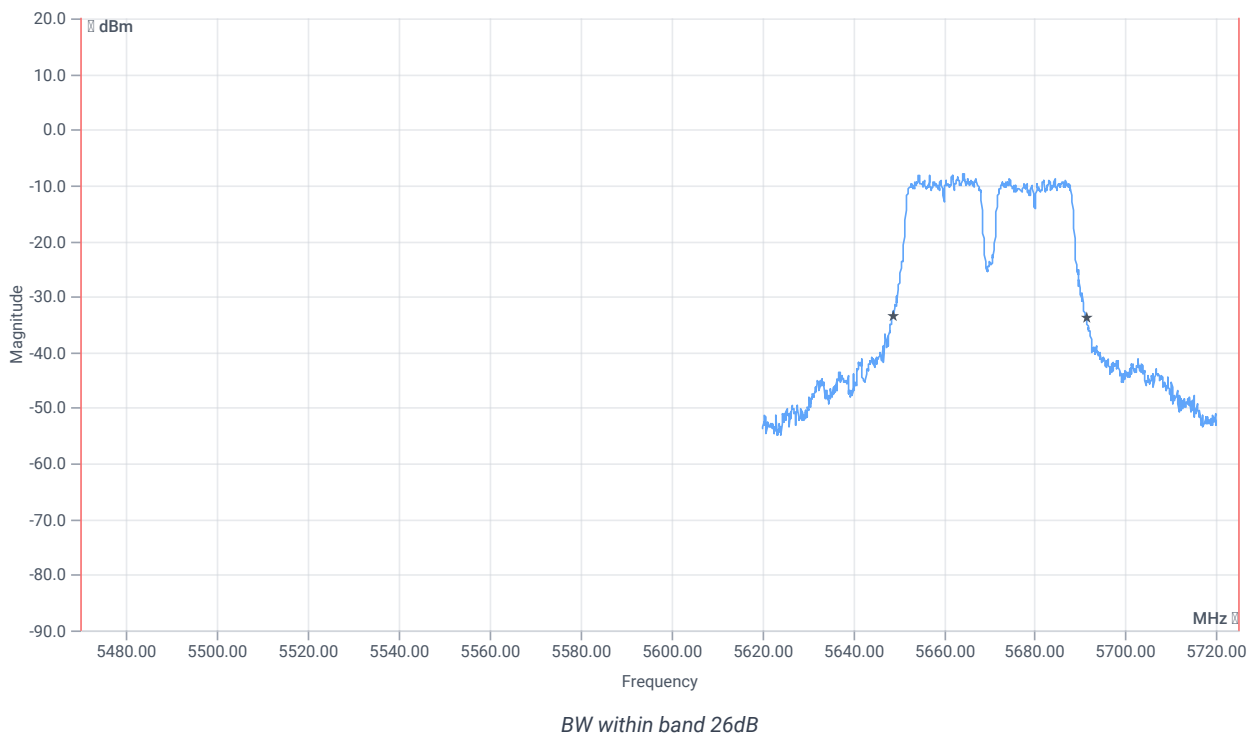
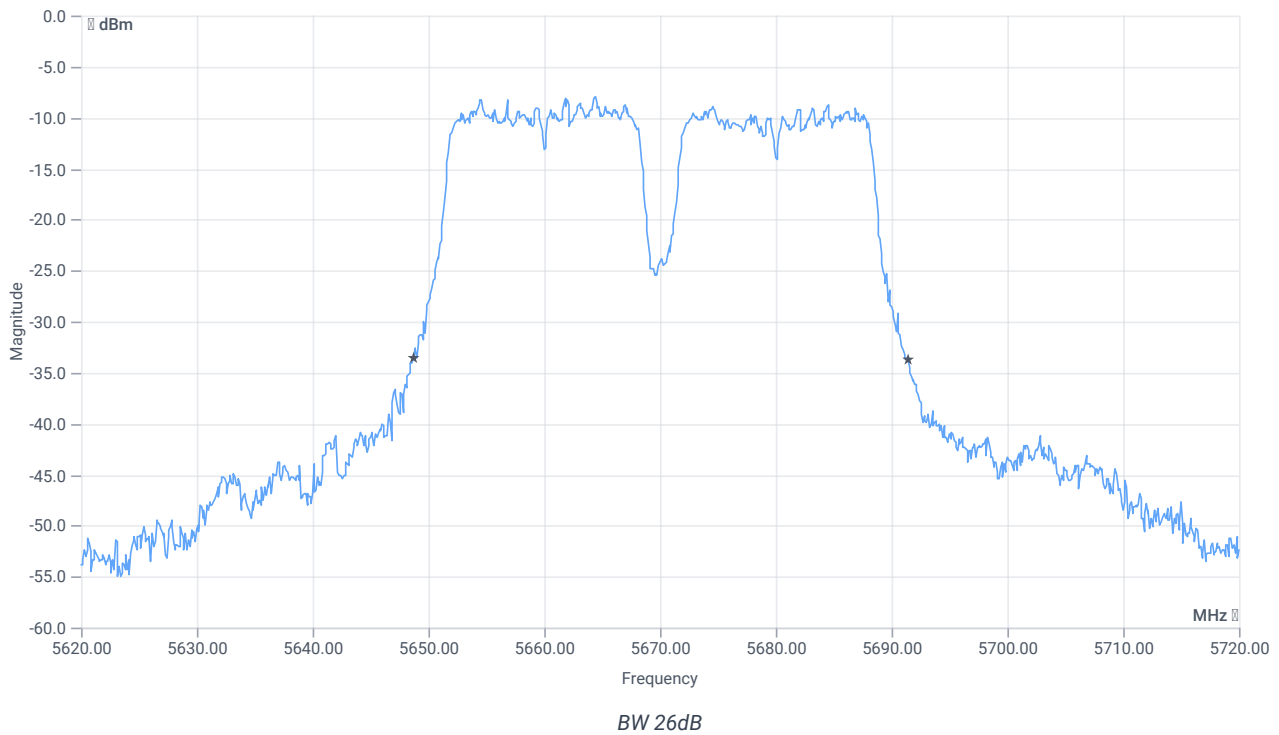




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	36.663	MHz	INFO
T1 99%	5470.000000	---	5651.7183	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5688.3816	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.7	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5648.7000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5691.4000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2A

References

TC start	14.05.2024 17:06:37
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5290
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

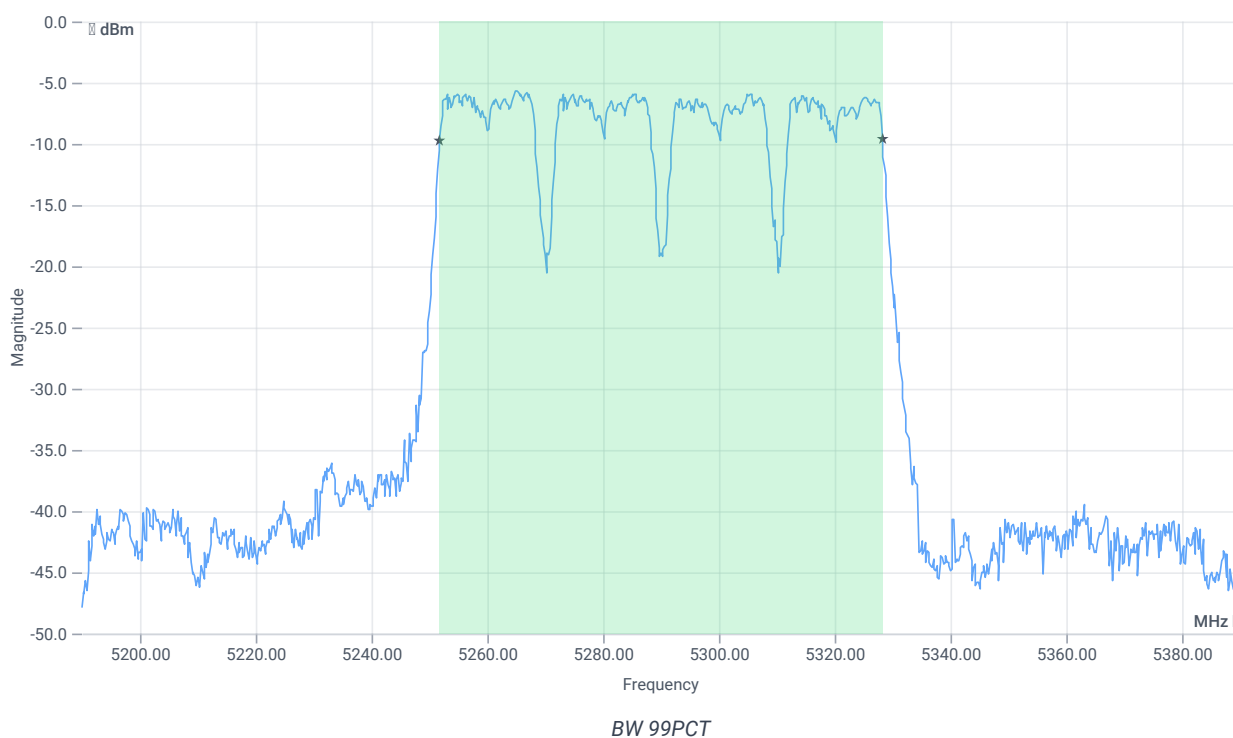
Test at TX 5290 MHz

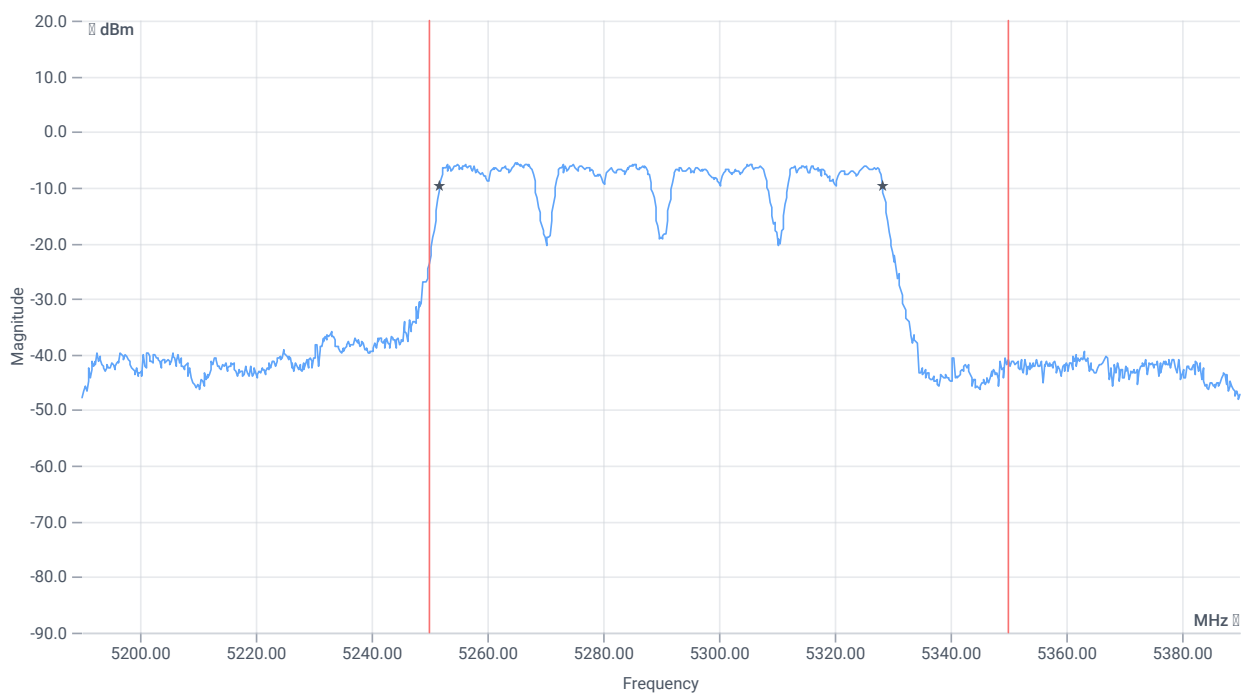
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.12	dBm	INFO
Ref. frequency	---	---	5312.980	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	1.88 13.45 5
Start [MHz] Stop [MHz]	5190.000 5390.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

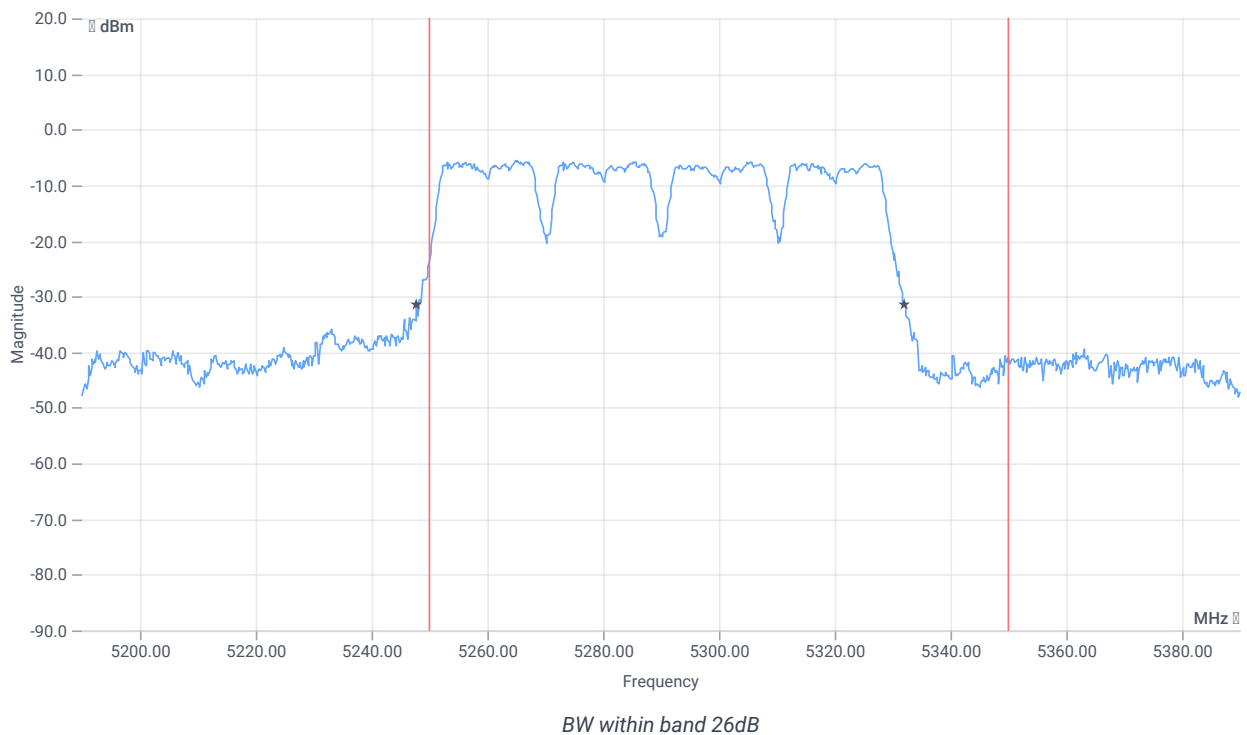
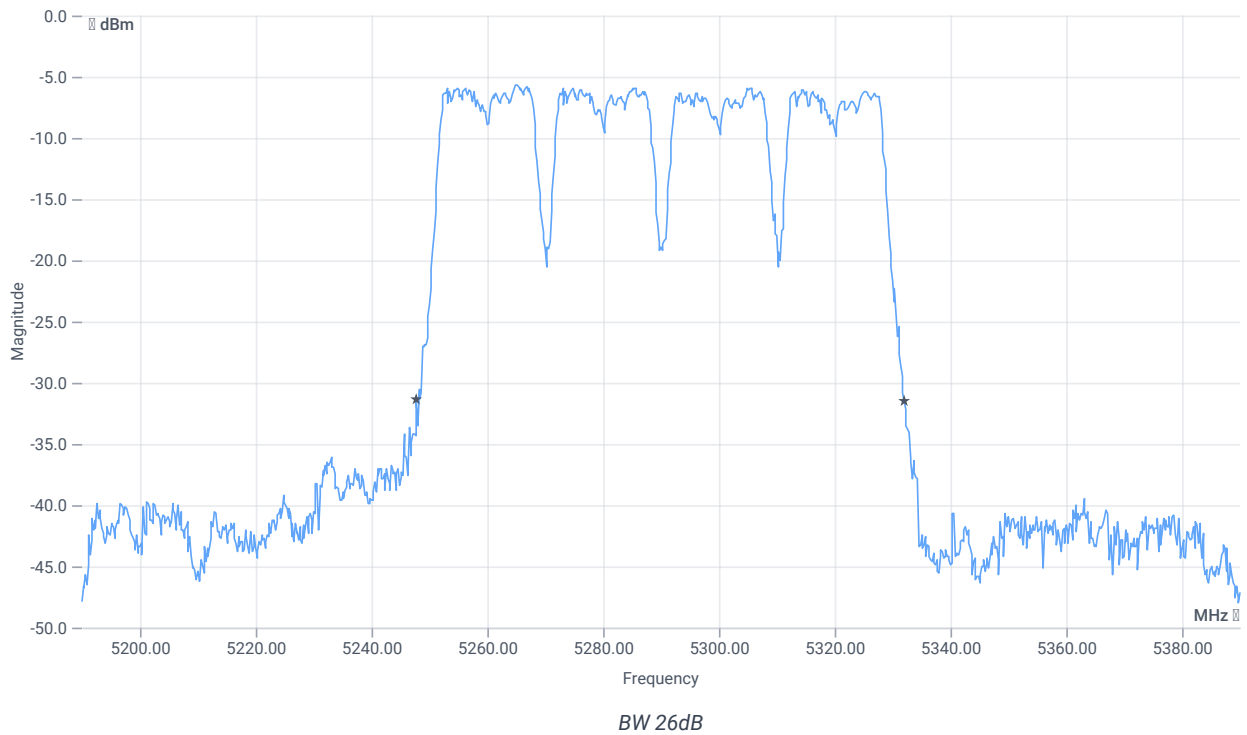




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5250.000000	---	5251.8382	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.1618	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.2	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5247.8000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5332.0000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2A

References

TC start	14.05.2024 17:12:20
Ambit temp [°C] humidity [rel%]	28.6 39
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2A
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5290
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

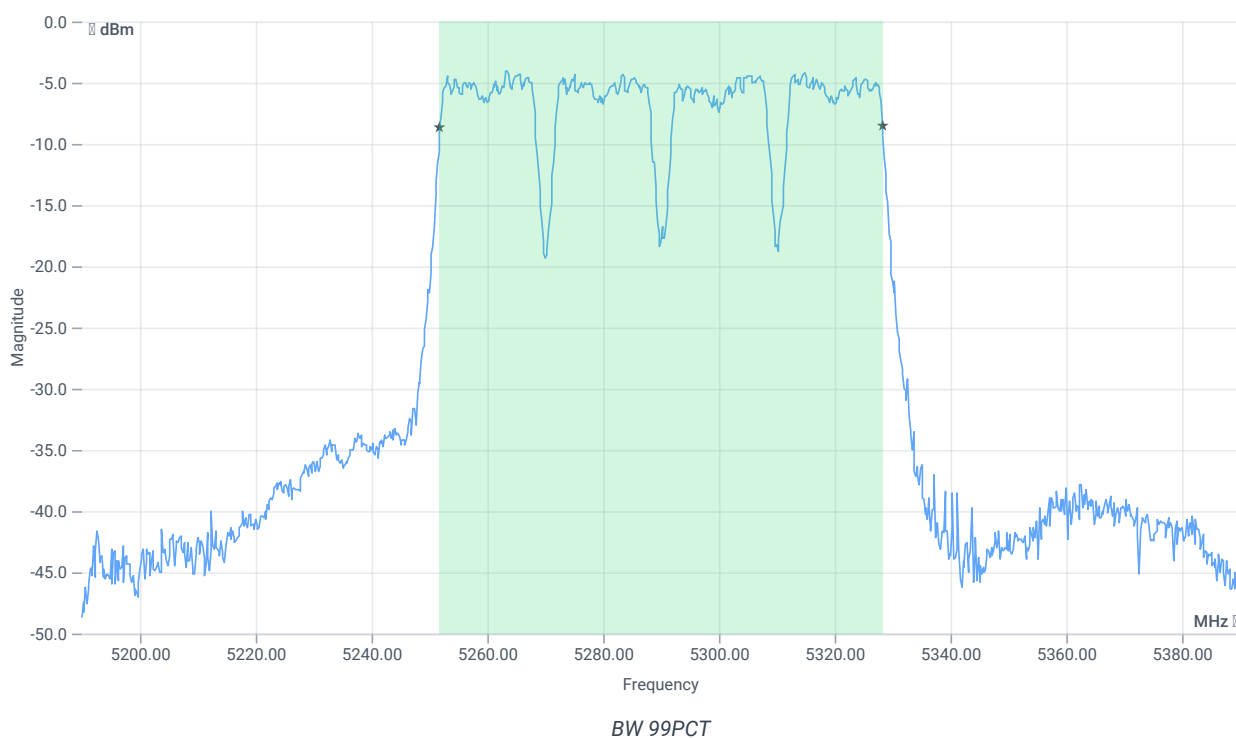
Test at TX 5290 MHz

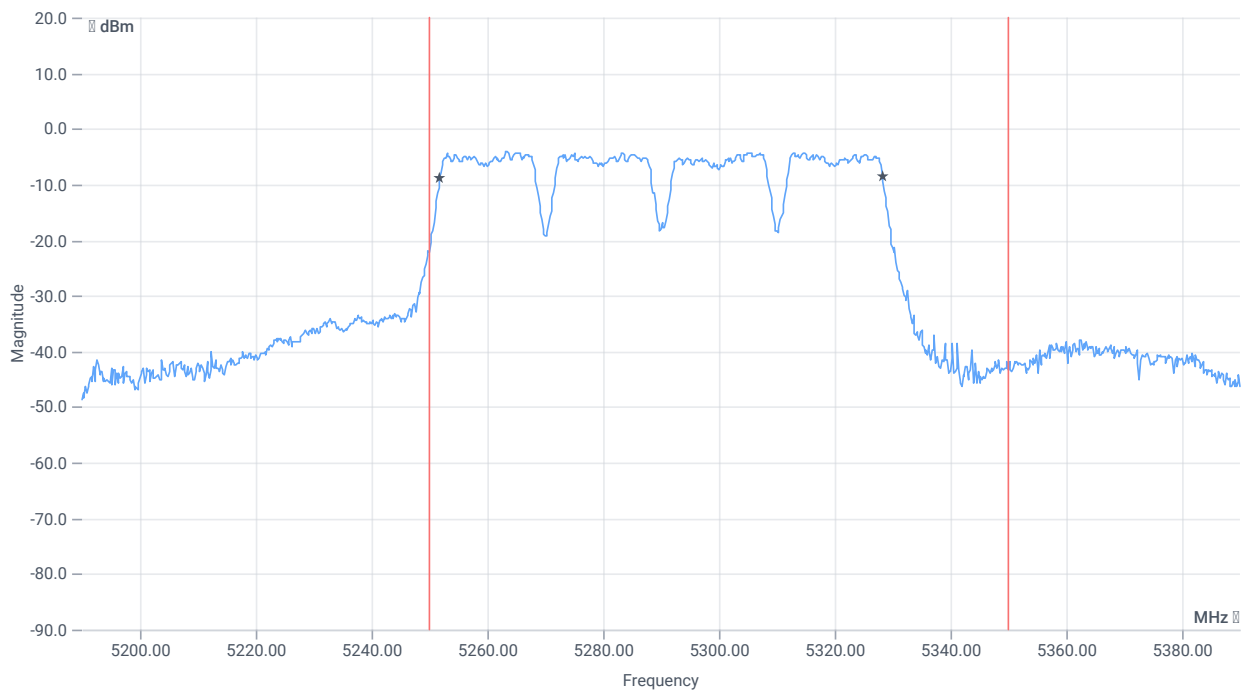
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.82	dBm	INFO
Ref. frequency	---	---	5304.990	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.18 13.38 5
Start [MHz] Stop [MHz]	5190.000 5390.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

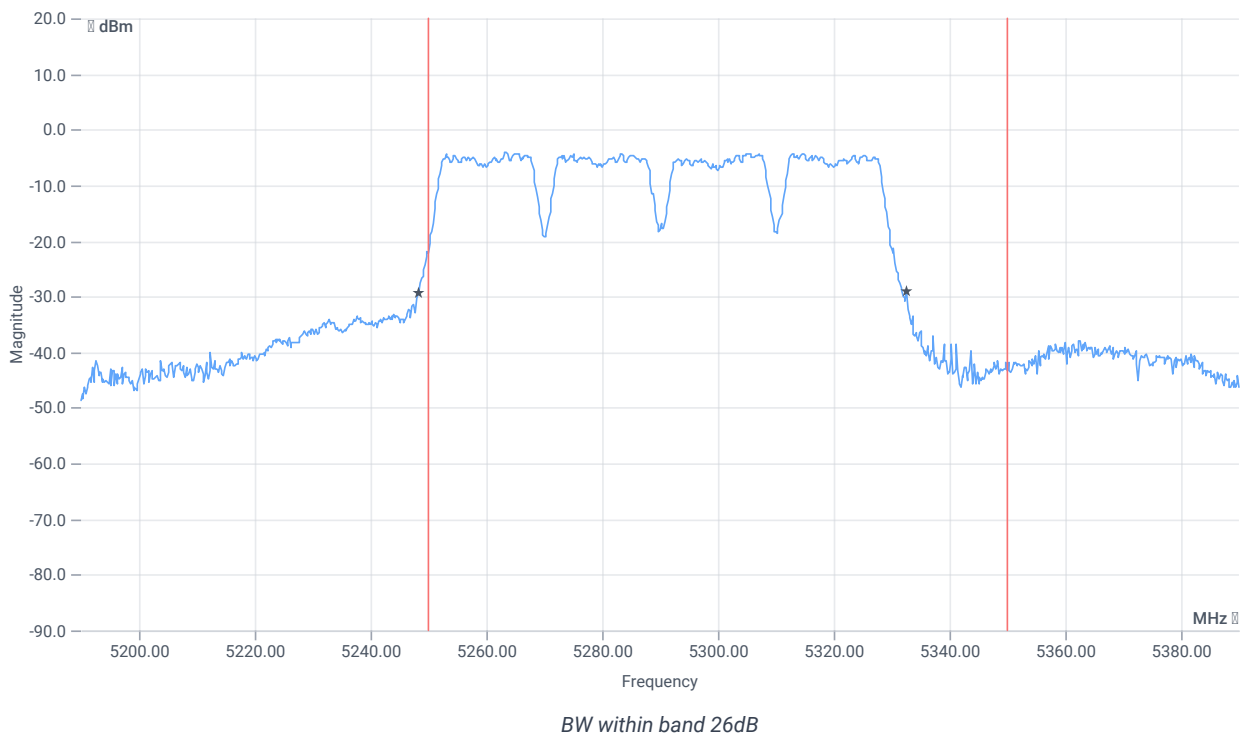
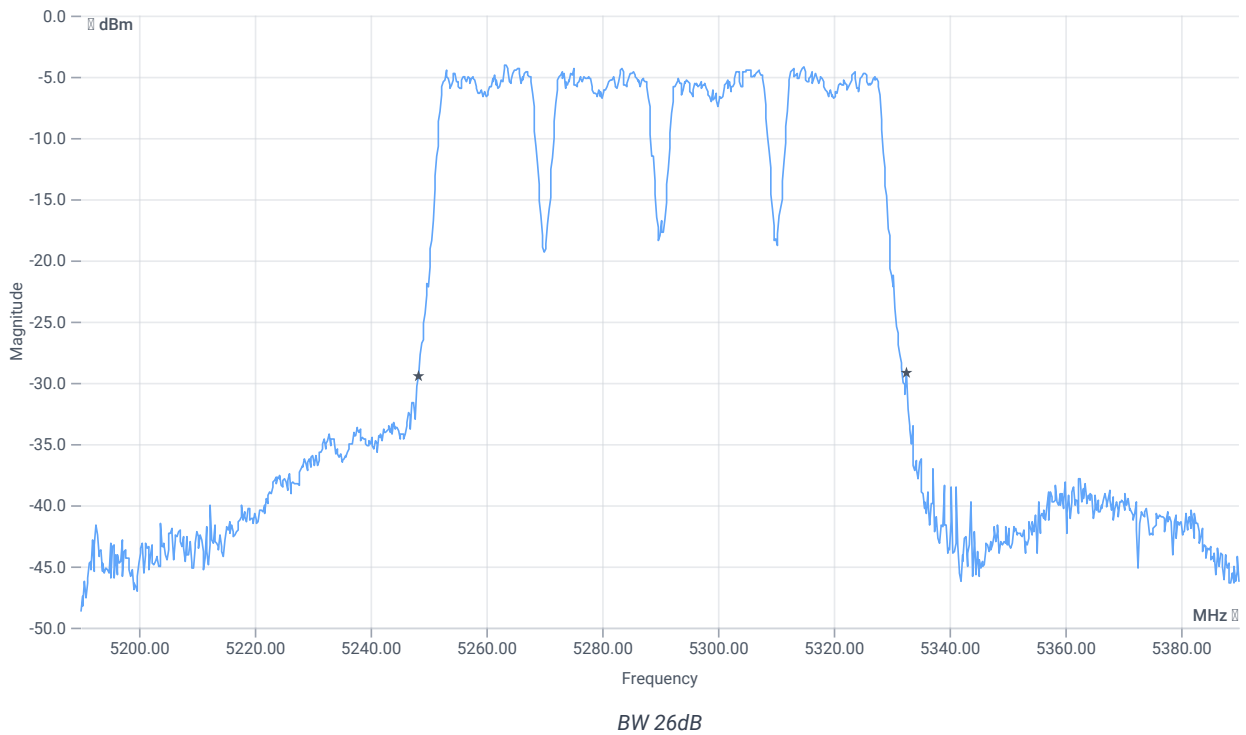




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5250.000000	---	5251.8382	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.1618	MHz	PASS



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.4	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5250.000000	---	5248.2000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5332.6000	MHz	PASS

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C

References

TC start	14.05.2024 17:18:47
Ambit temp [°C] humidity [rel%]	28.7 38
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5530
Frequency mid to test	False Freq [MHz] 5610
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

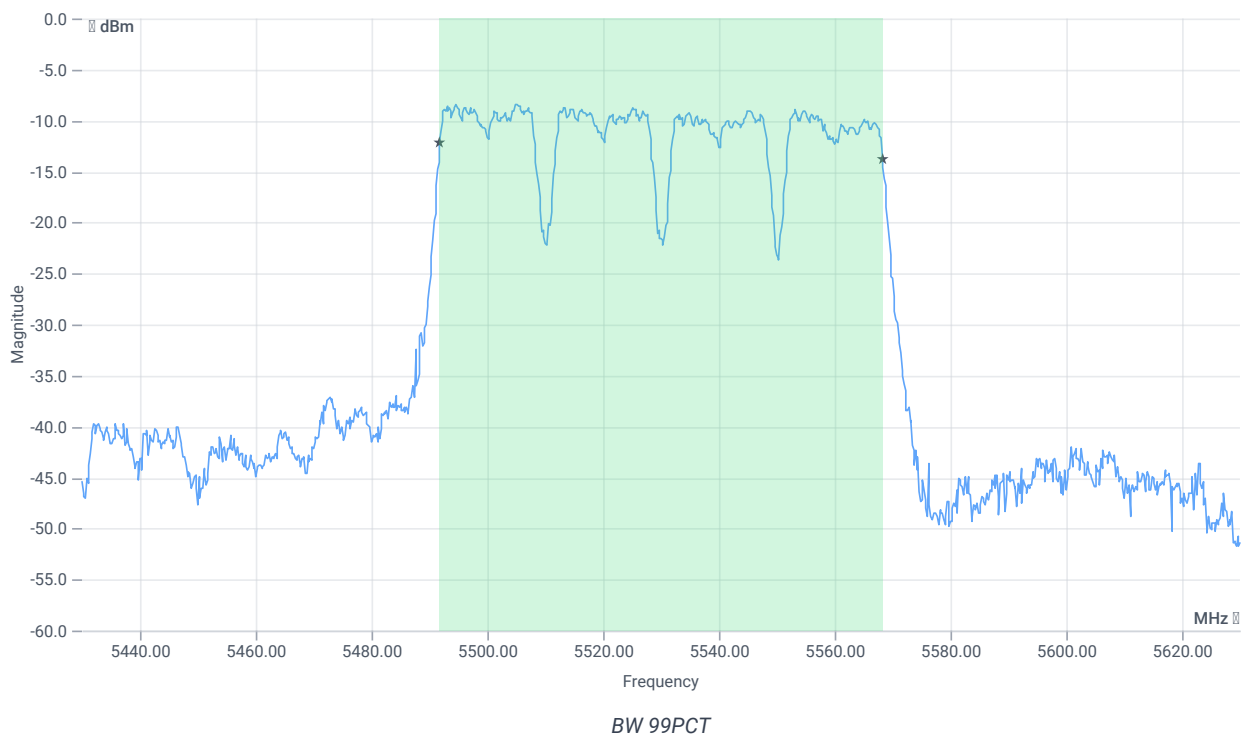
Test at TX 5530 MHz

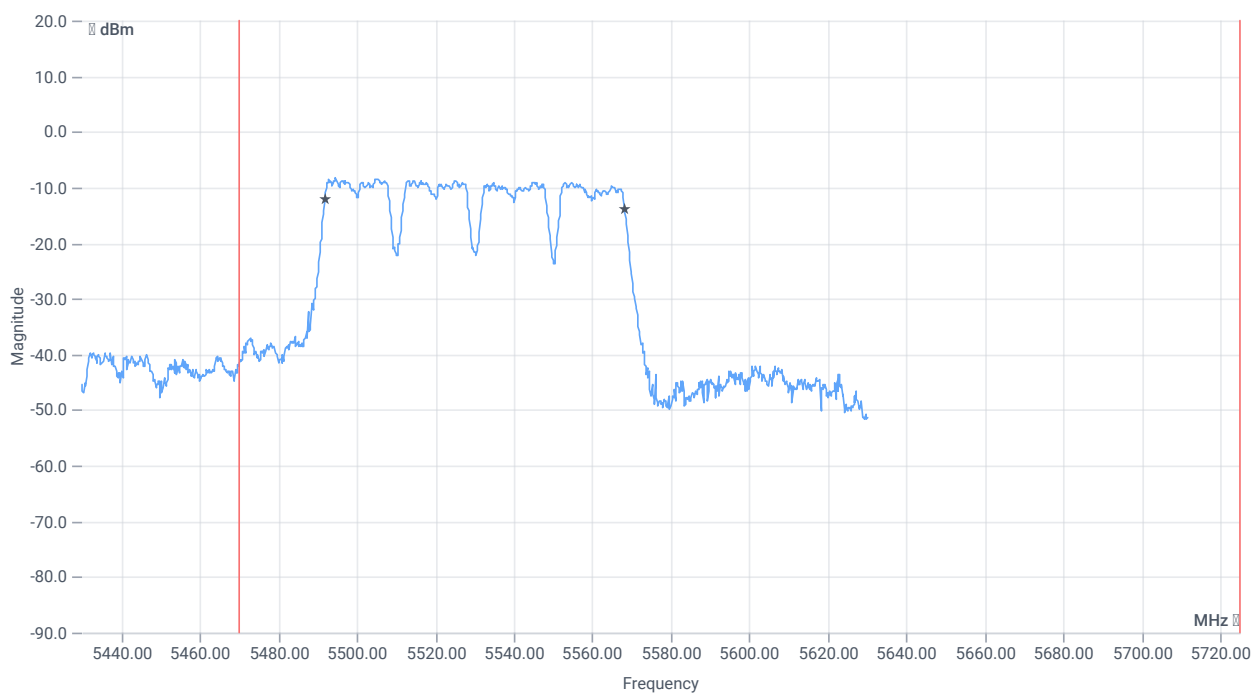
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-9.33	dBm	INFO
Ref. frequency	---	---	5521.210	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-1.33 13.68 0
Start [MHz] Stop [MHz]	5430.000 5630.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

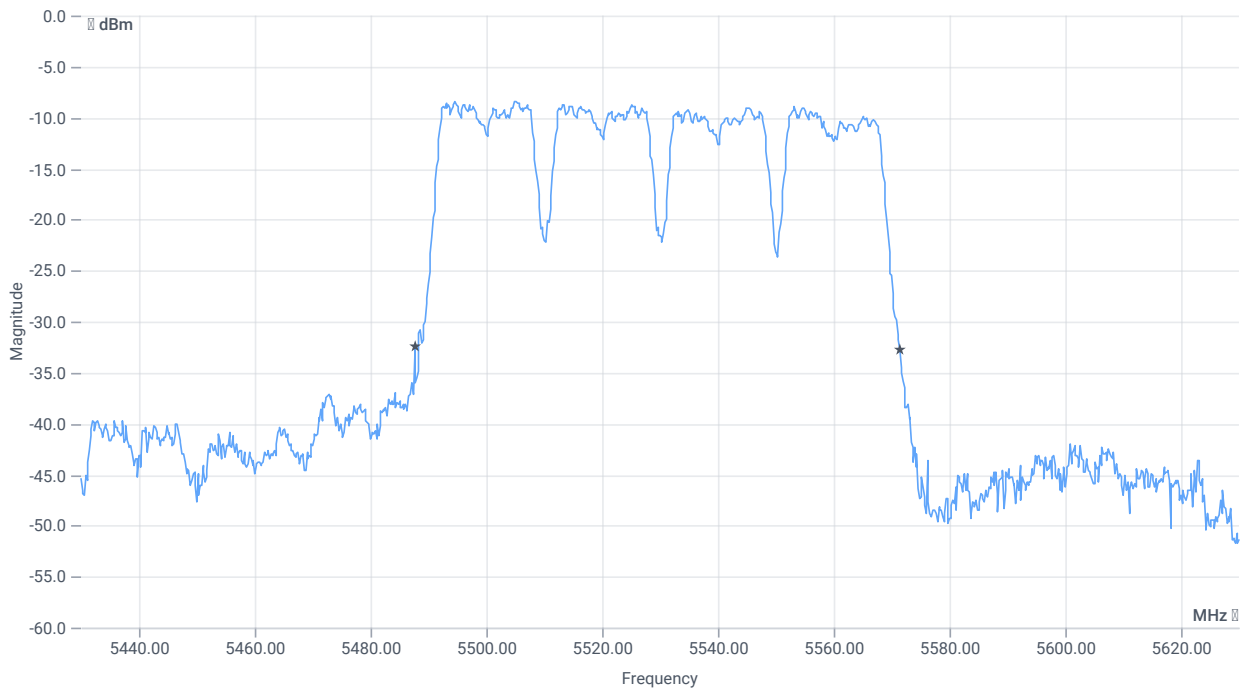




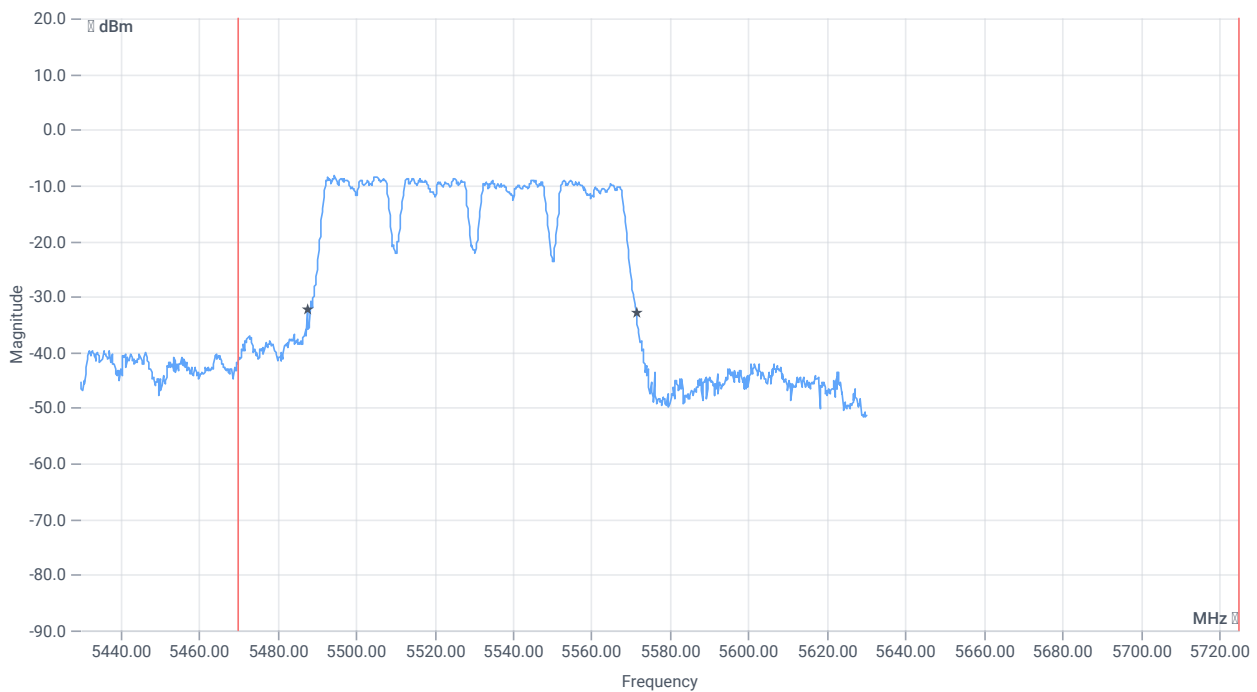
BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5470.000000	---	5491.8382	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5568.1618	MHz	



BW 26dB



BW within band 26dB

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	83.8	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5487.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5571.4000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C

References

TC start	14.05.2024 17:24:20
Ambit temp [°C] humidity [rel%]	28.8 38
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5530
Frequency mid to test	False Freq [MHz] 5610
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

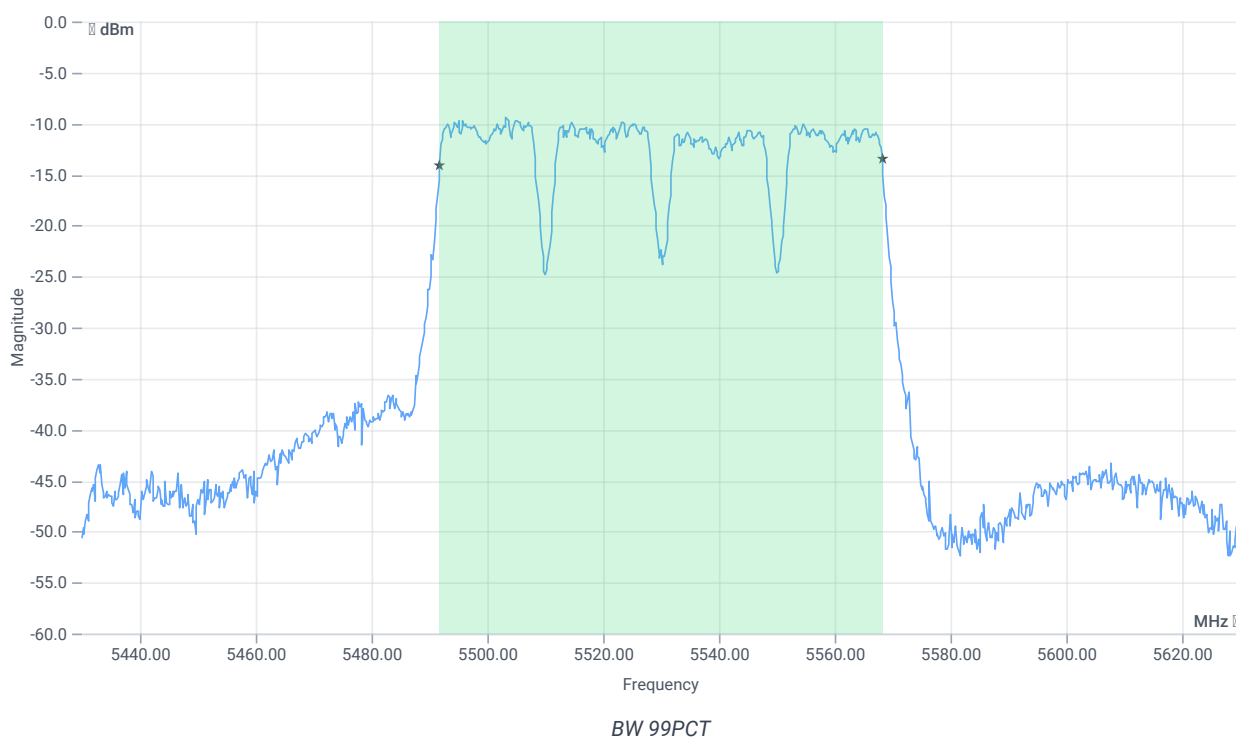
Test at TX 5530 MHz

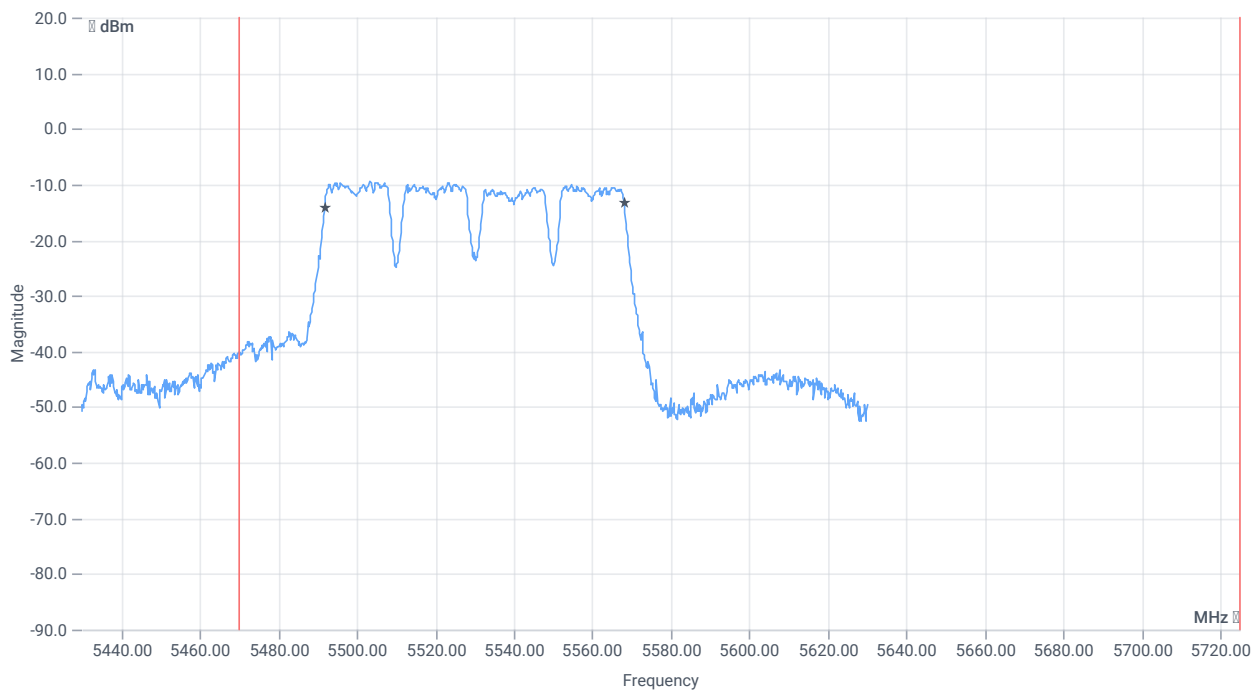
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-9.42	dBm	INFO
Ref. frequency	---	---	5505.420	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-1.42 13.58 0
Start [MHz] Stop [MHz]	5430.000 5630.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

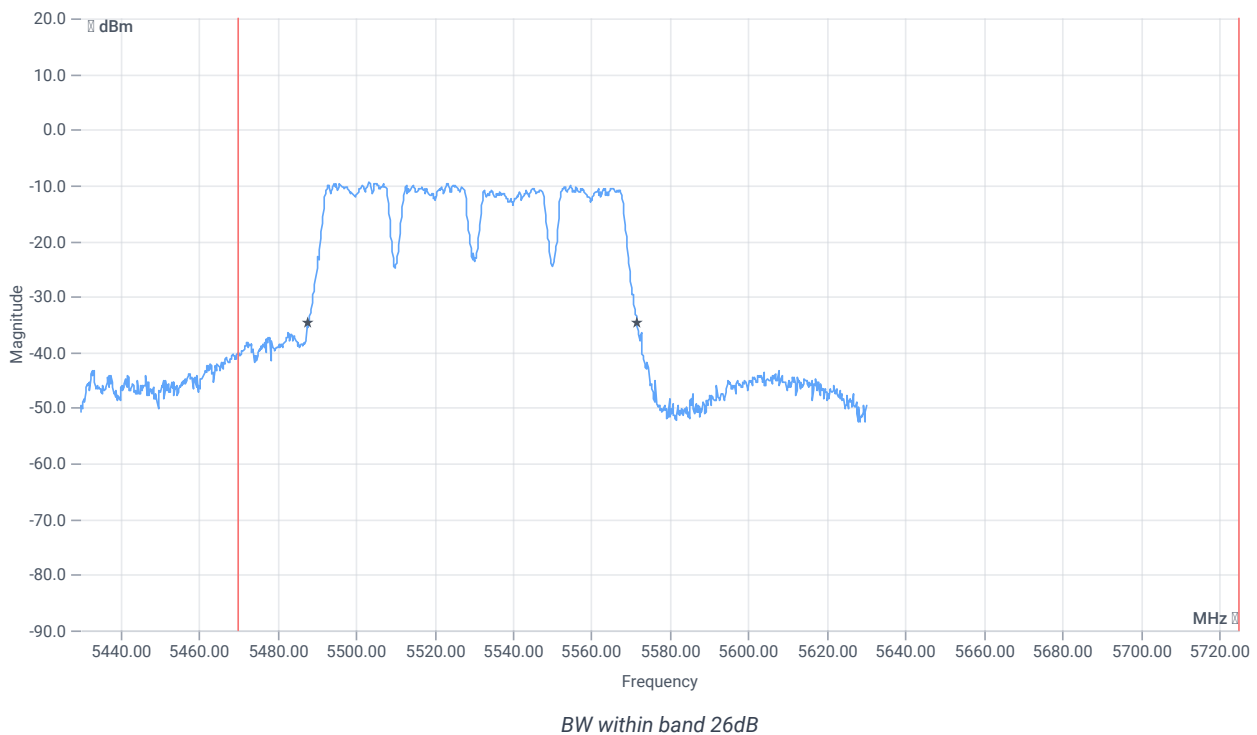
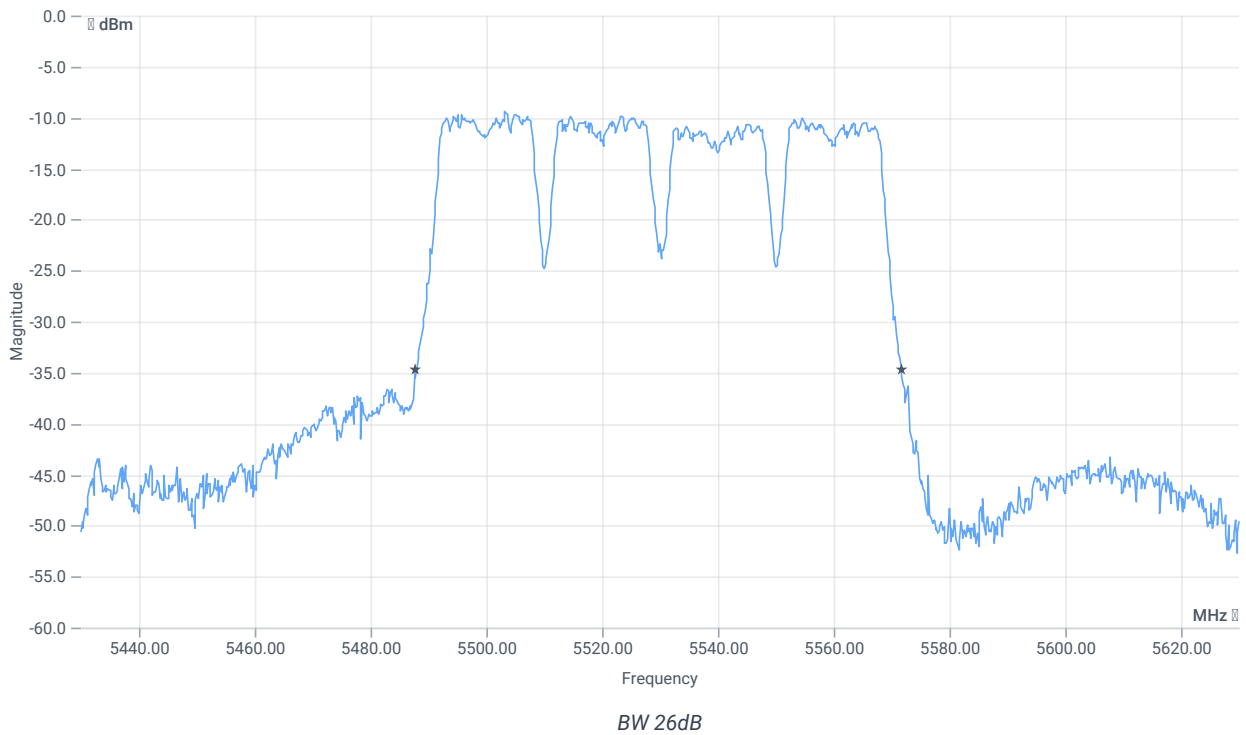




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.324	MHz	INFO
T1 99%	5470.000000	---	5491.8382	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5568.1618	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5487.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5571.6000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C

References

TC start	14.05.2024 17:30:32
Ambit temp [°C] humidity [rel%]	28.8 38
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5530
Frequency mid to test	True Freq [MHz] 5610
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

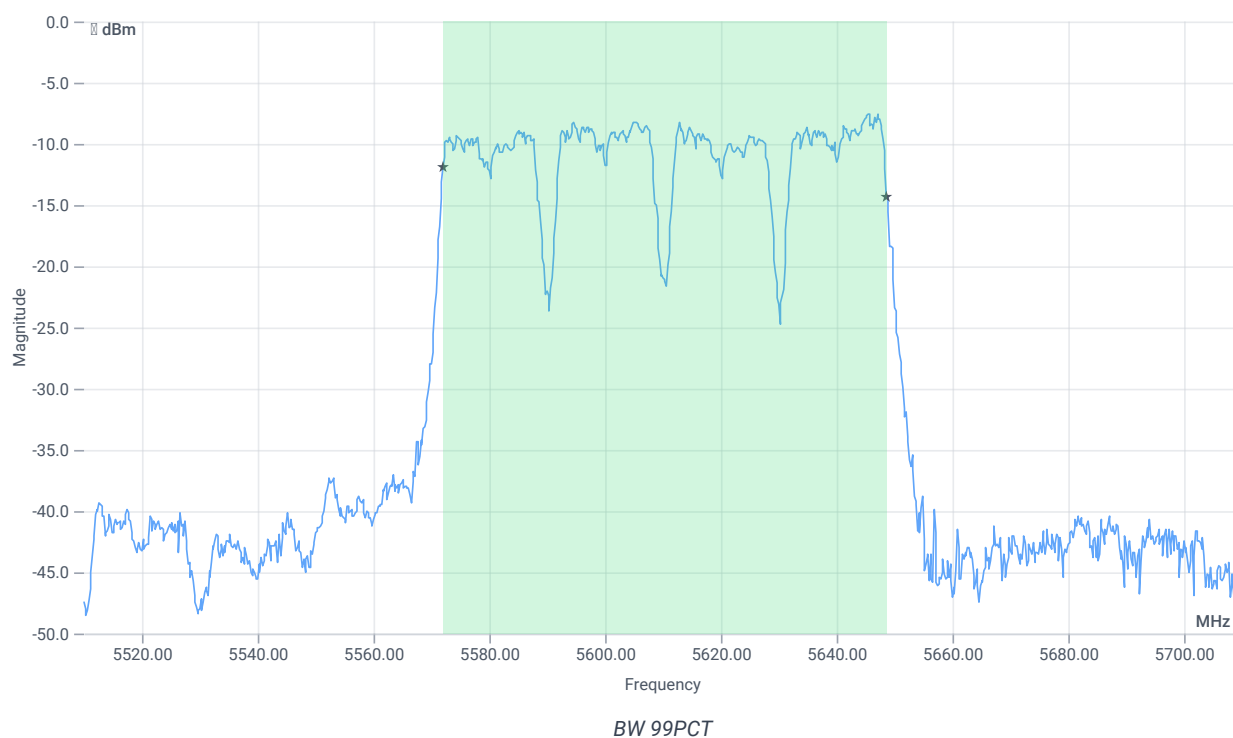
Test at TX 5610 MHz

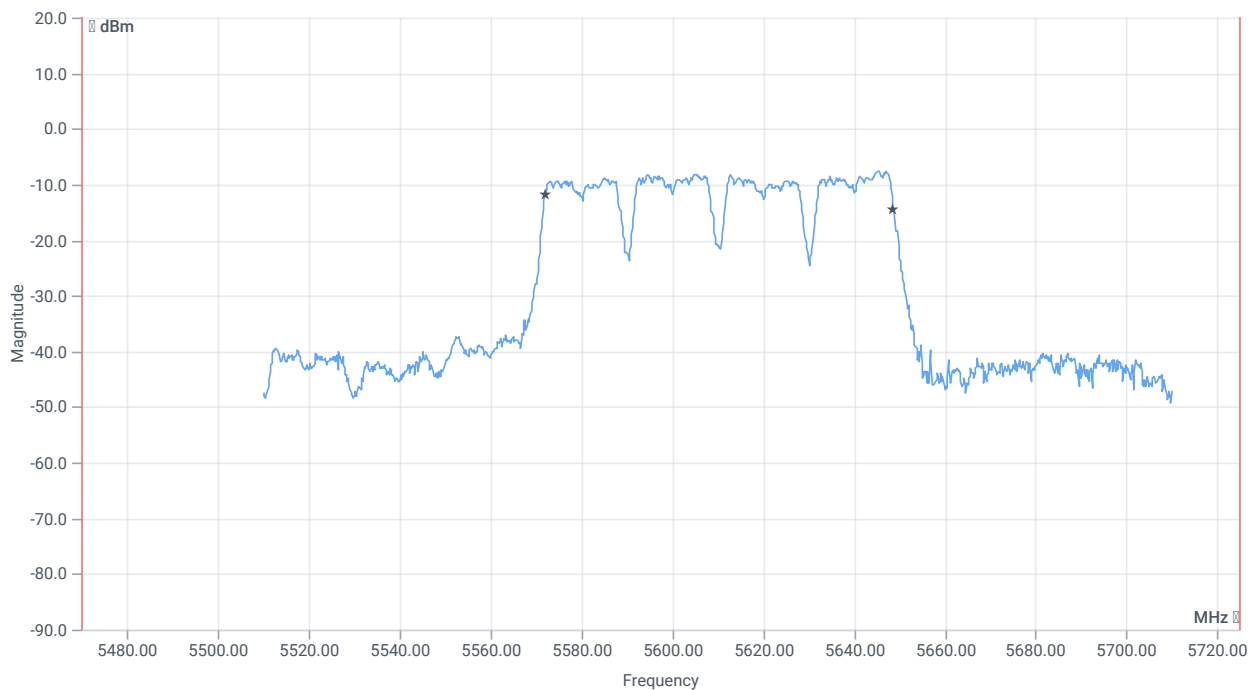
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-8.56	dBm	INFO
Ref. frequency	---	---	5604.410	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-0.56 13.74 5
Start [MHz] Stop [MHz]	5510.000 5710.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

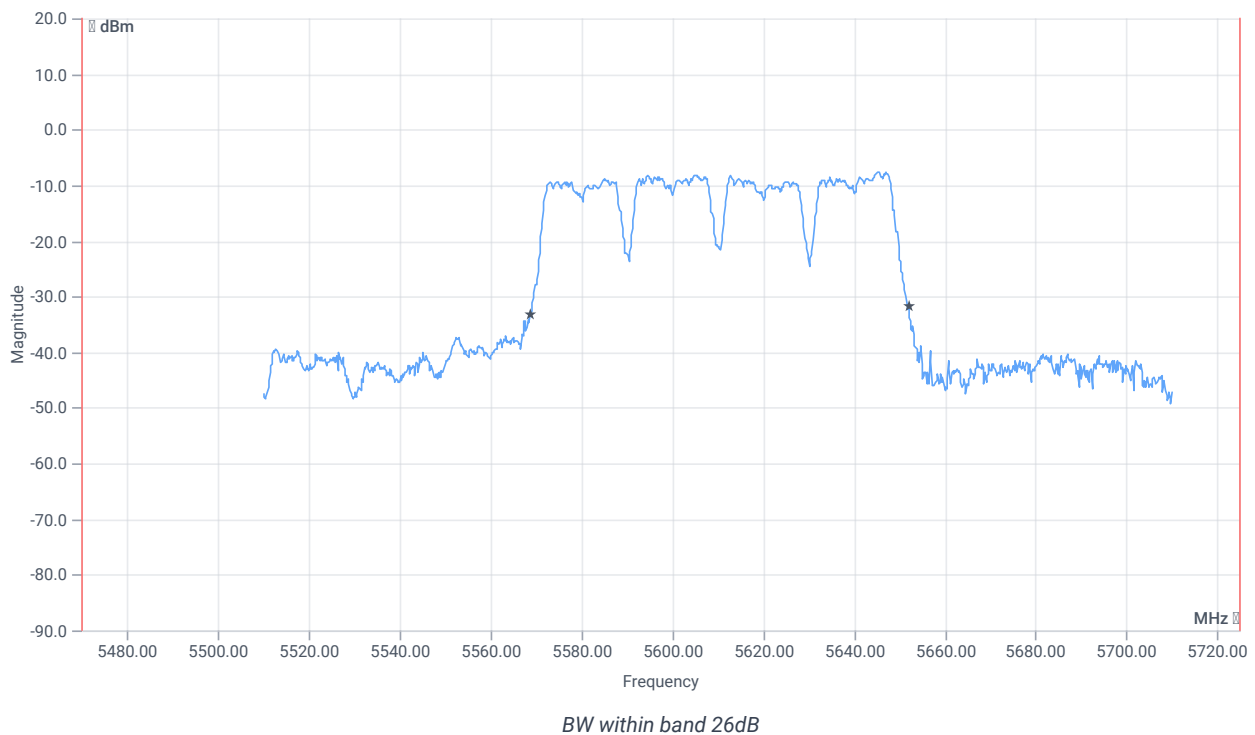
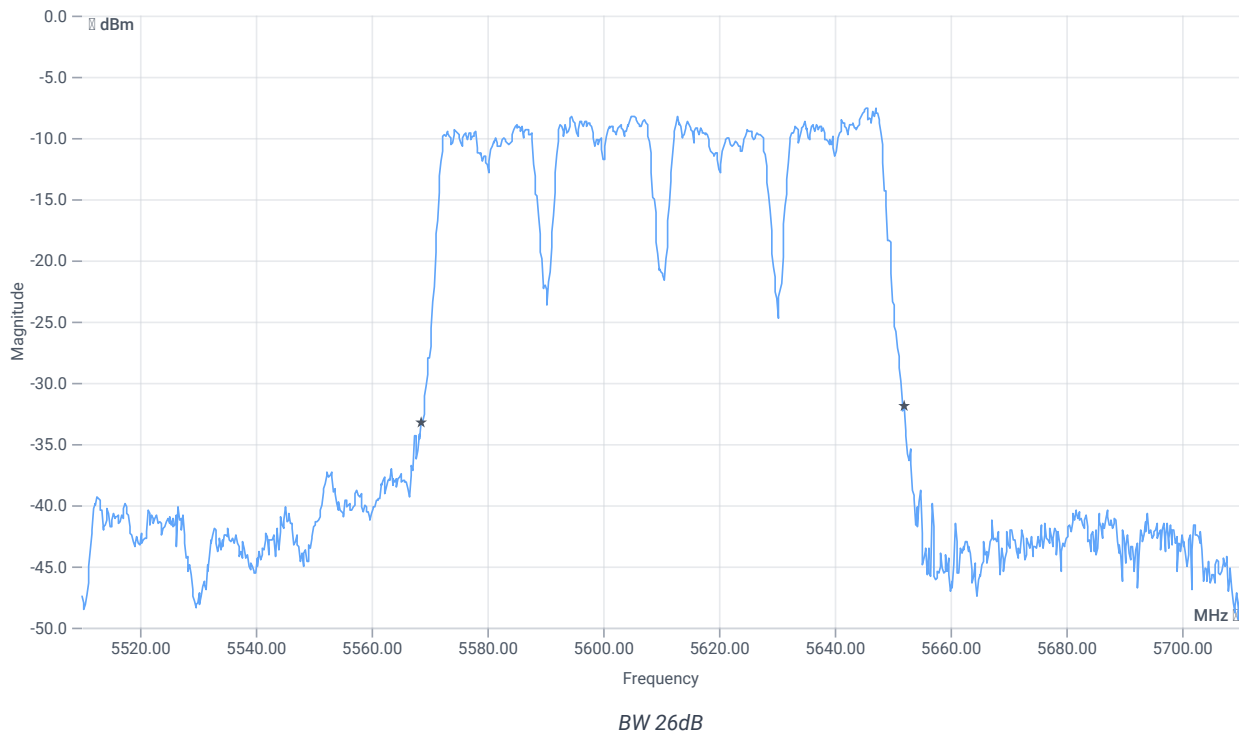




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.523	MHz	INFO
T1 99%	5470.000000	---	5572.0380	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5648.5614	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	83.4	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5568.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5652.0000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 20dB ~ WLAN5Gx ac-VHT80 mode U-NII-2C

References

TC start	14.05.2024 17:36:03
Ambit temp [°C] humidity [rel%]	28.8 38
System version	5.0.5.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Description	FCC 15.407 Bandwidths - WLAN5Gx ac-VHT80 mode U-NII-2C
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	2
User Interaction	No
Device class U-NII-1 (FCC)	Client
Limit W52 japan	Standard
TPC supported	No
Vehicle use (ISED)	Yes

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5530
Frequency mid to test	True Freq [MHz] 5610
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

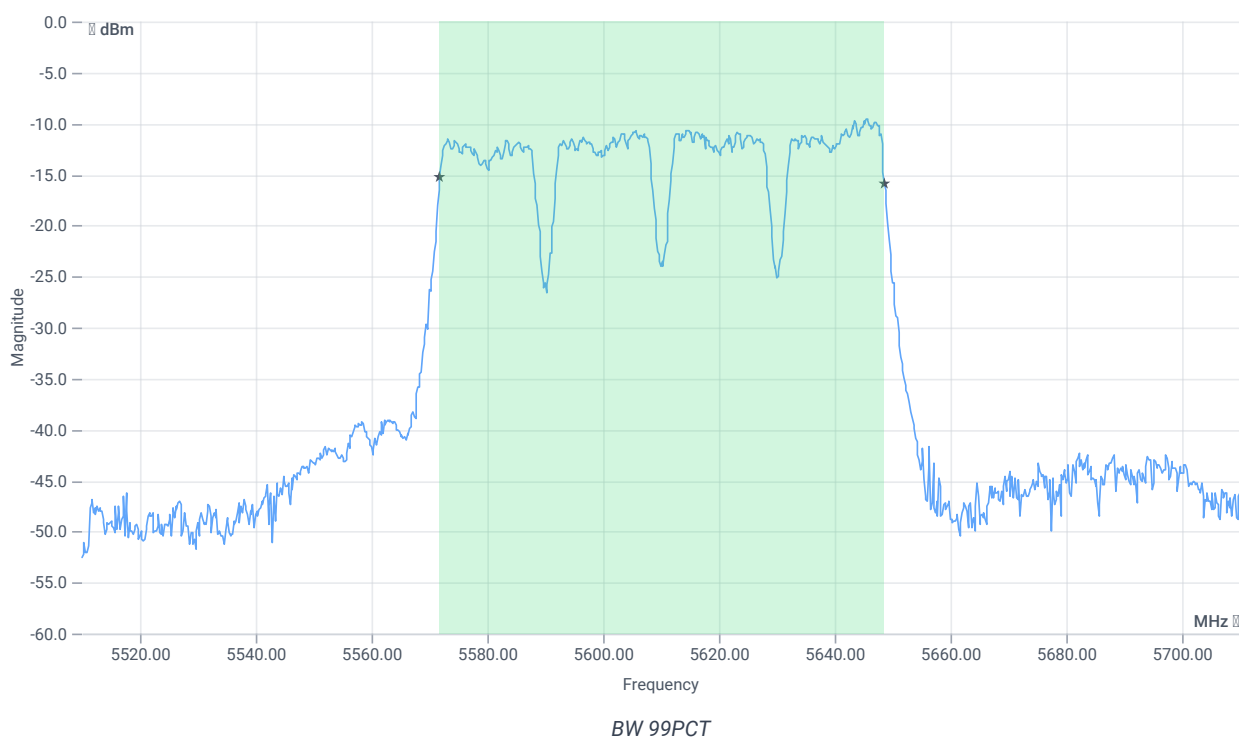
Test at TX 5610 MHz

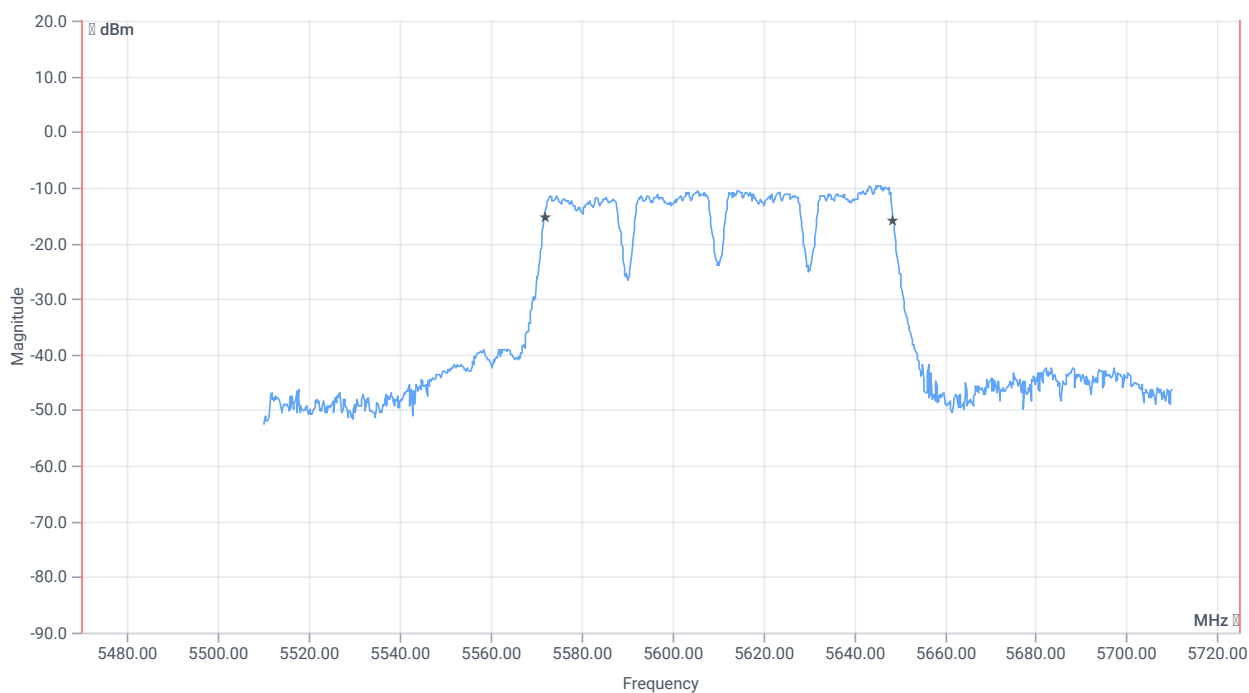
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-9.61	dBm	INFO
Ref. frequency	---	---	5646.760	MHz	INFO

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-1.61 13.48 0
Start [MHz] Stop [MHz]	5510.000 5710.000
RBW [MHz] VBW [MHz]	1.000000 5.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE

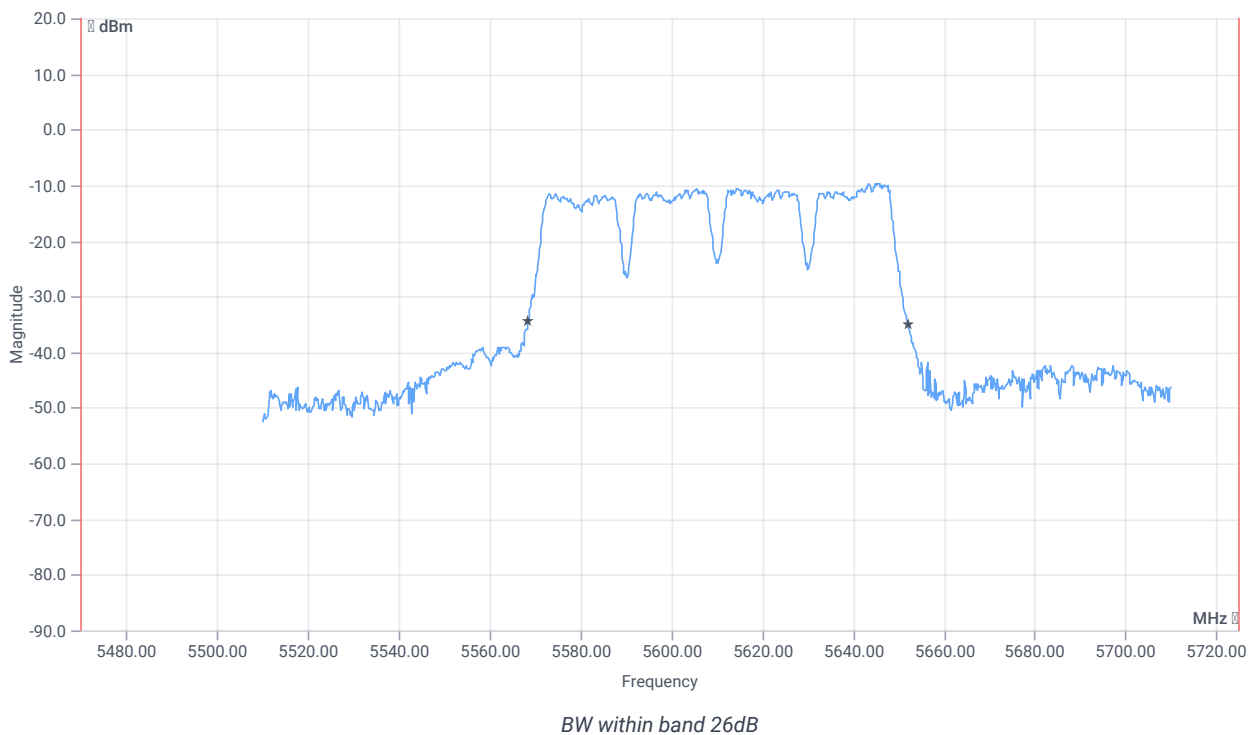
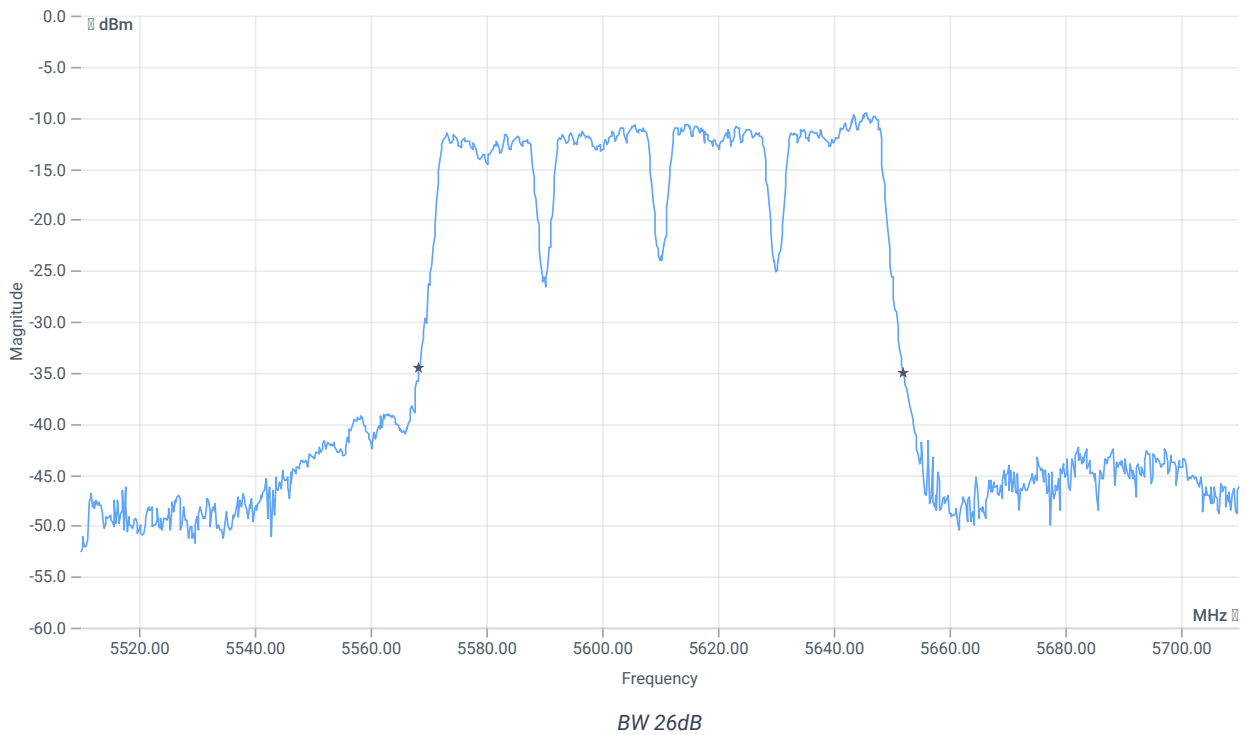




BW within band 99PCT

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 99%	---	---	76.723	MHz	INFO
T1 99%	5470.000000	---	5571.8382	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5648.5614	MHz	



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	83.6	MHz	INFO

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
T1 26dB	5470.000000	---	5568.4000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5652.0000	MHz	

Verdict

PASS

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 19:01:47
Ambit temp [°C] humidity [rel%]	26.7 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5775 MHz

RESULT: Reference power cond.

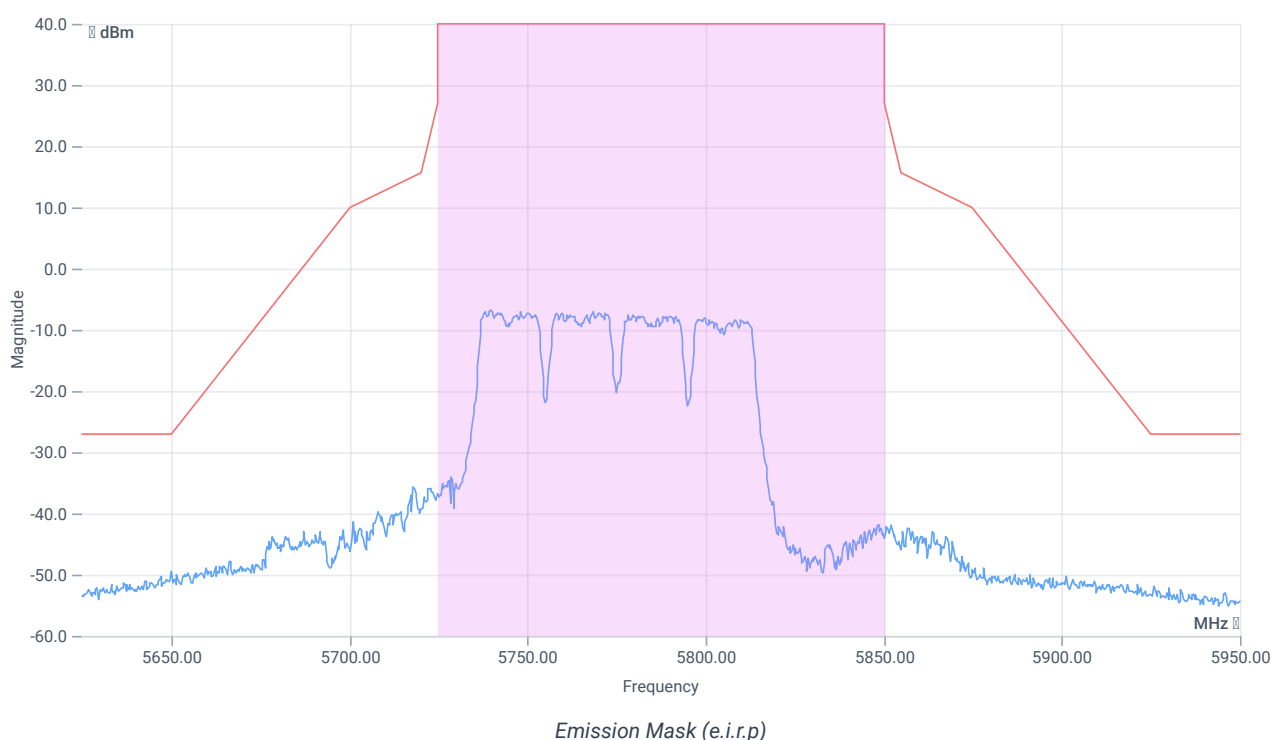
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.81	dBm	INFO
Ref. frequency	---	---	5739.440	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
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READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-3.81 10.41 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 18:50:46
Ambit temp [°C] humidity [rel%]	26.7 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5775 MHz

RESULT: Reference power cond.

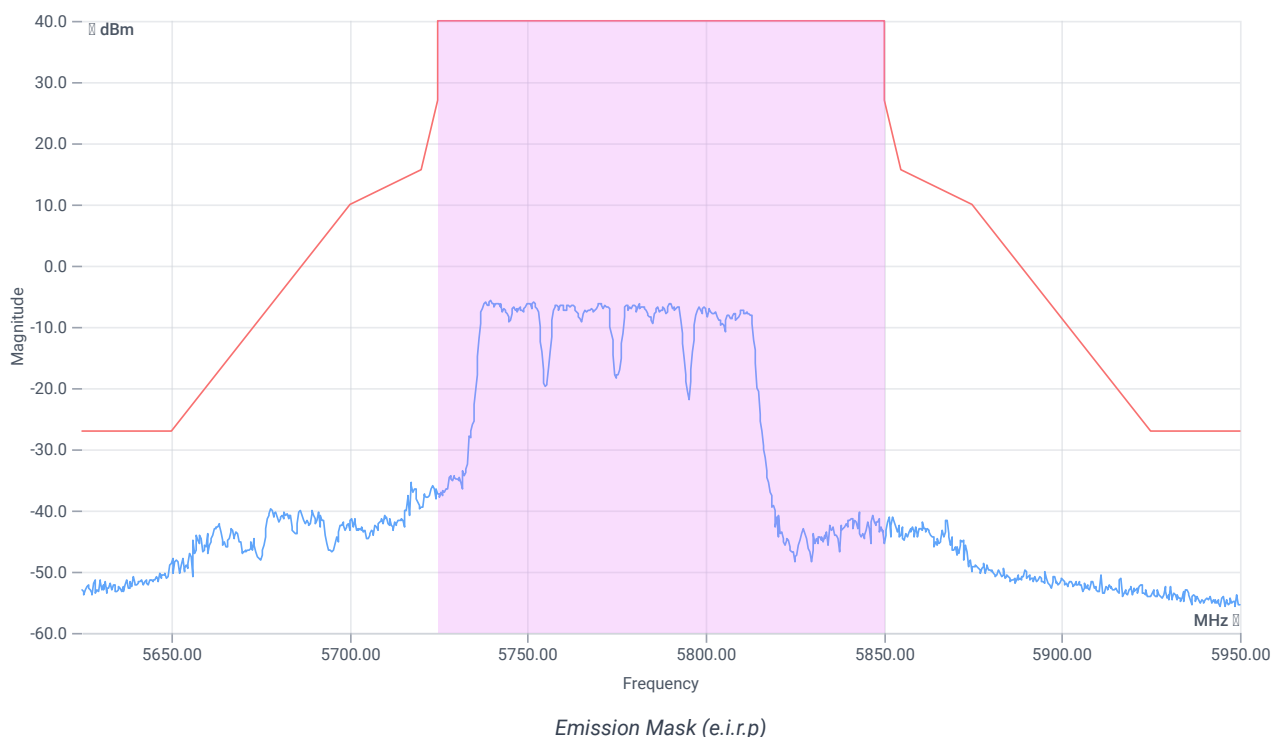
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-6.08	dBm	INFO
Ref. frequency	---	---	5739.440	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-3.08 10.38 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:21:38
Ambit temp [°C] humidity [rel%]	26.8 31
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5795 MHz

RESULT: Reference power cond.

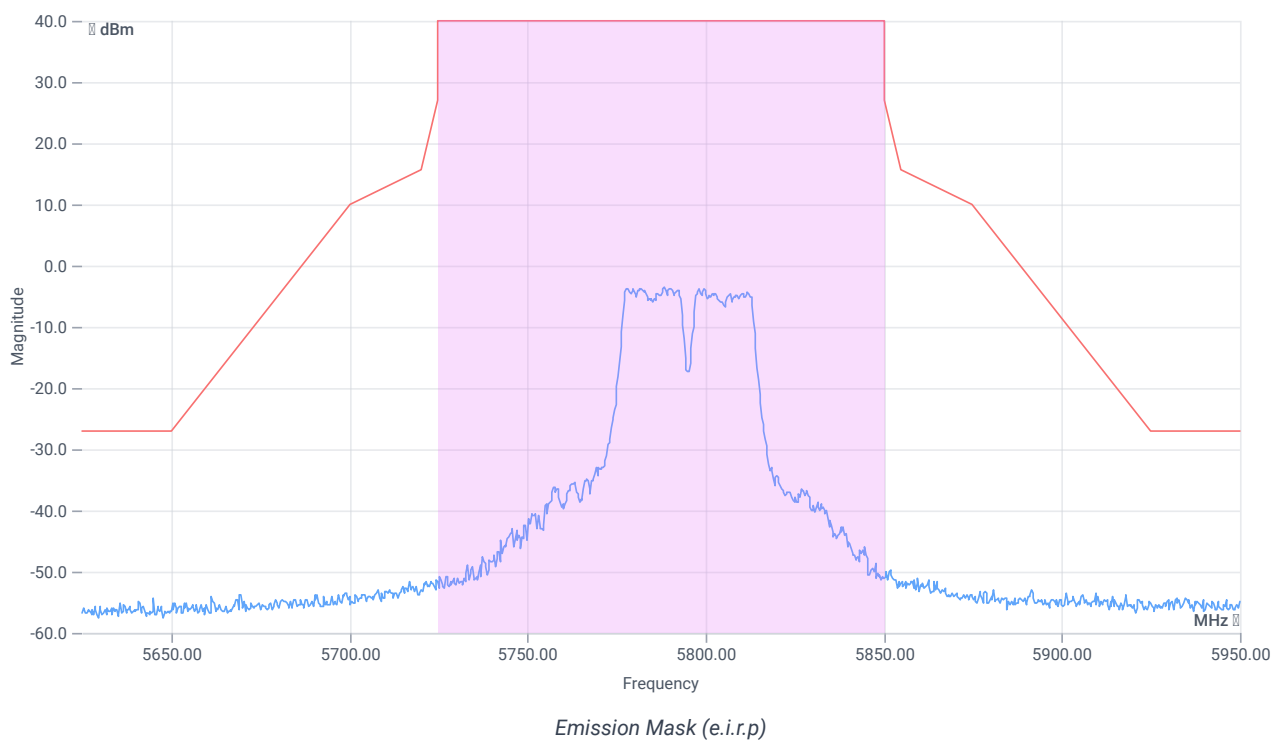
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.42	dBm	INFO
Ref. frequency	---	---	5779.420	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-0.42 10.41 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:14:39
Ambit temp [°C] humidity [rel%]	26.7 33
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5795 MHz

RESULT: Reference power cond.

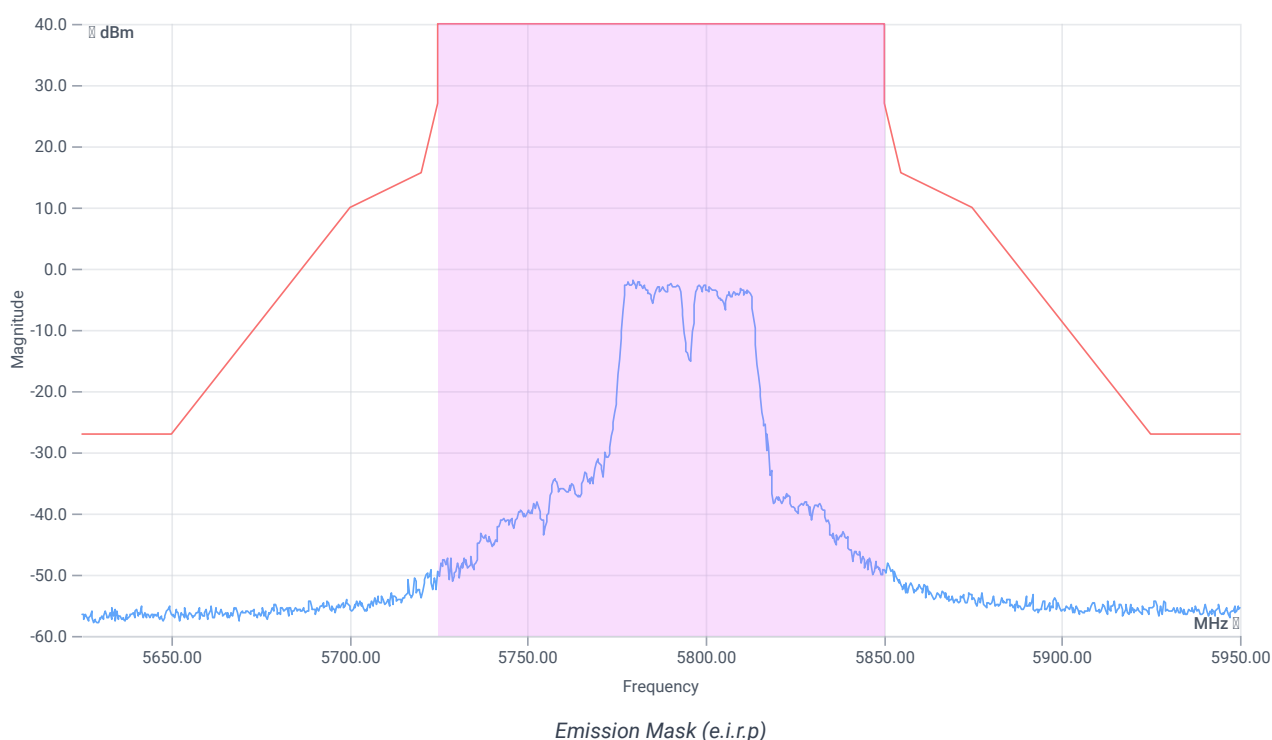
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.93	dBm	INFO
Ref. frequency	---	---	5782.410	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	0.07 10.37 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:03:08
Ambit temp [°C] humidity [rel%]	26.8 33
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5755 MHz

RESULT: Reference power cond.

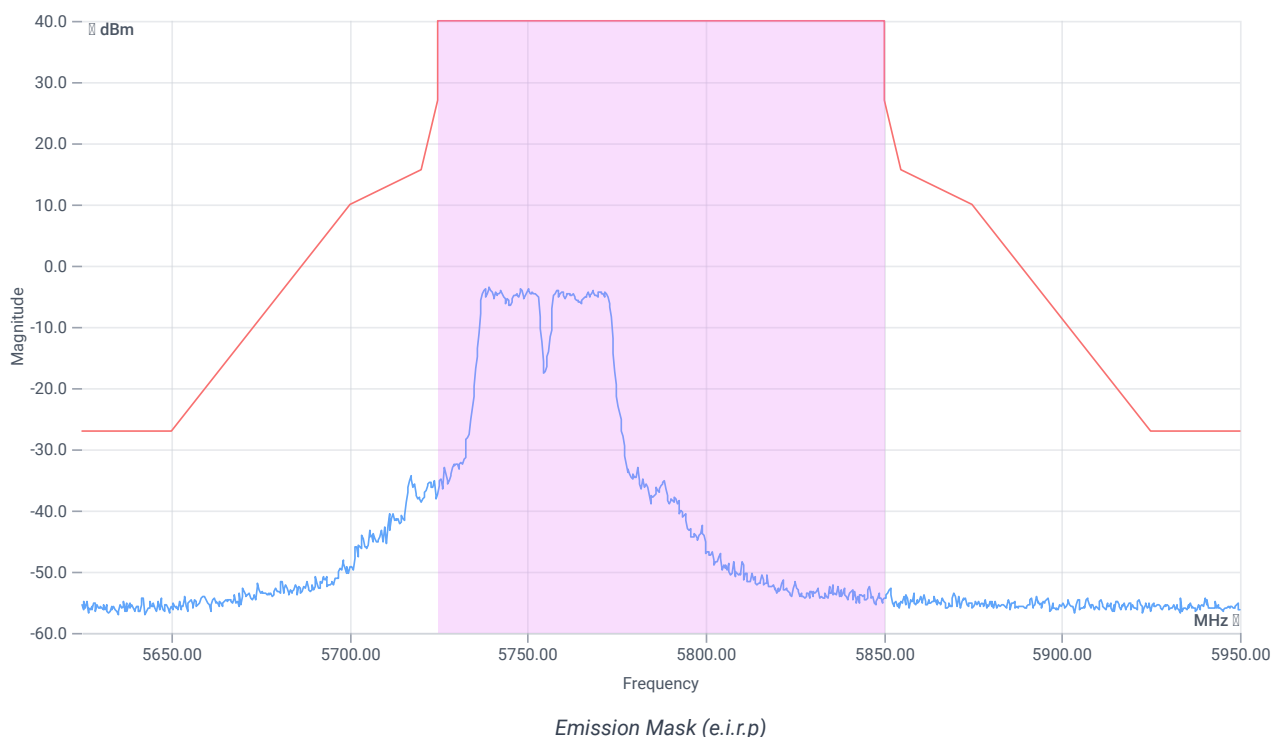
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.14	dBm	INFO
Ref. frequency	---	---	5759.400	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	-1.14 10.41 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 17:56:10
Ambit temp [°C] humidity [rel%]	26.8 35
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5755 MHz

RESULT: Reference power cond.

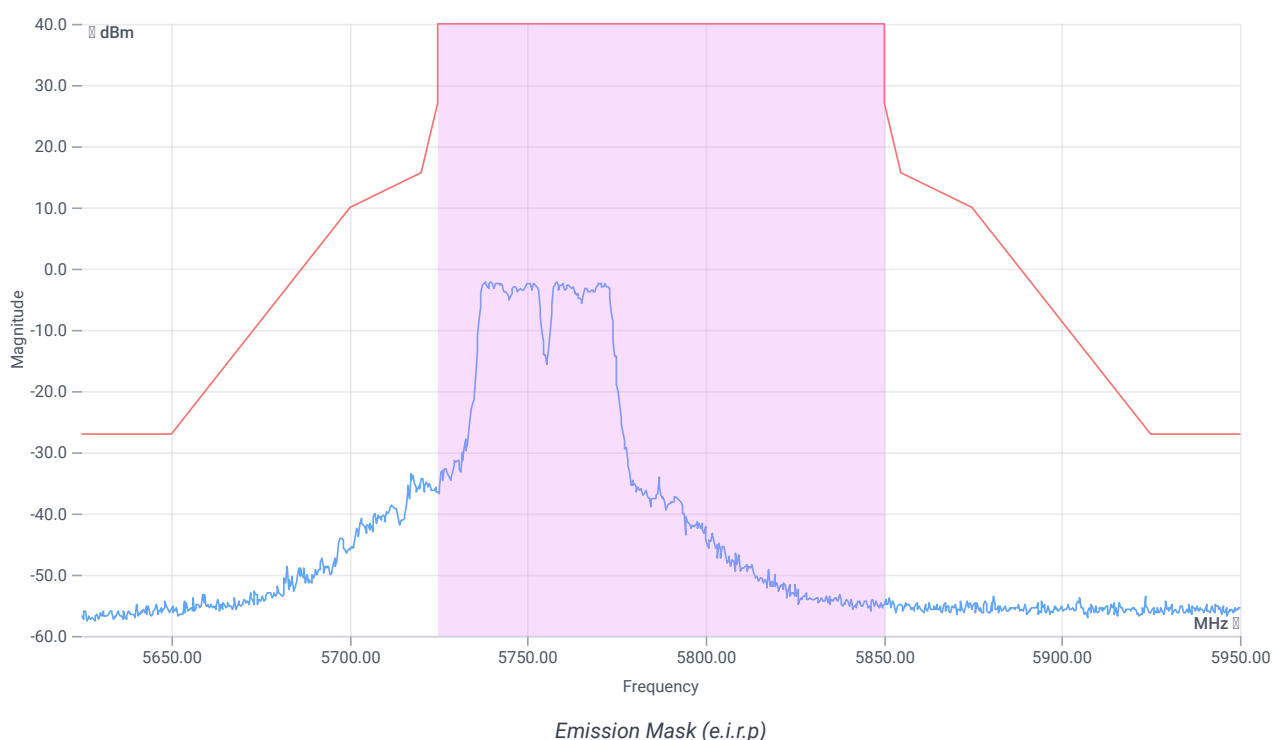
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.86	dBm	INFO
Ref. frequency	---	---	5750.000	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	0.14 10.39 5
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:24:46
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5825 MHz

RESULT: Reference power cond.

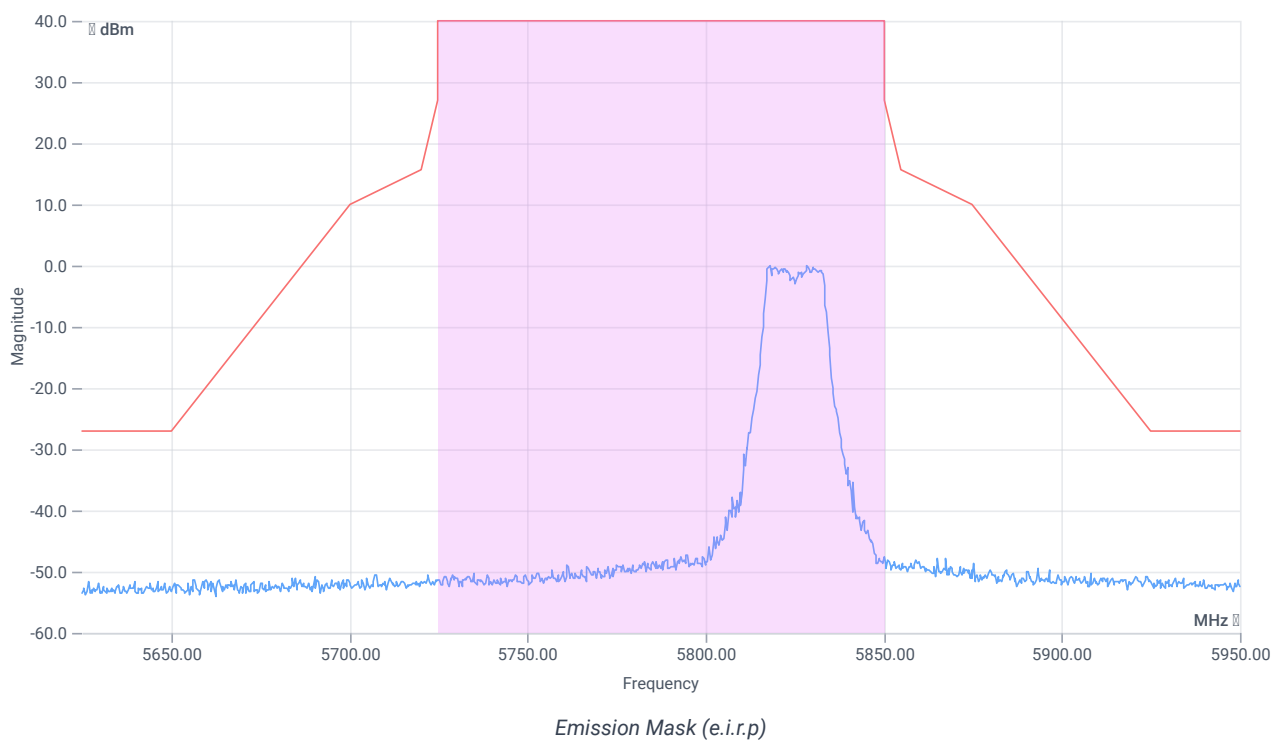
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.87	dBm	INFO
Ref. frequency	---	---	5821.800	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.13 10.44 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:17:28
Ambit temp [°C] humidity [rel%]	26.9 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5825 MHz

RESULT: Reference power cond.

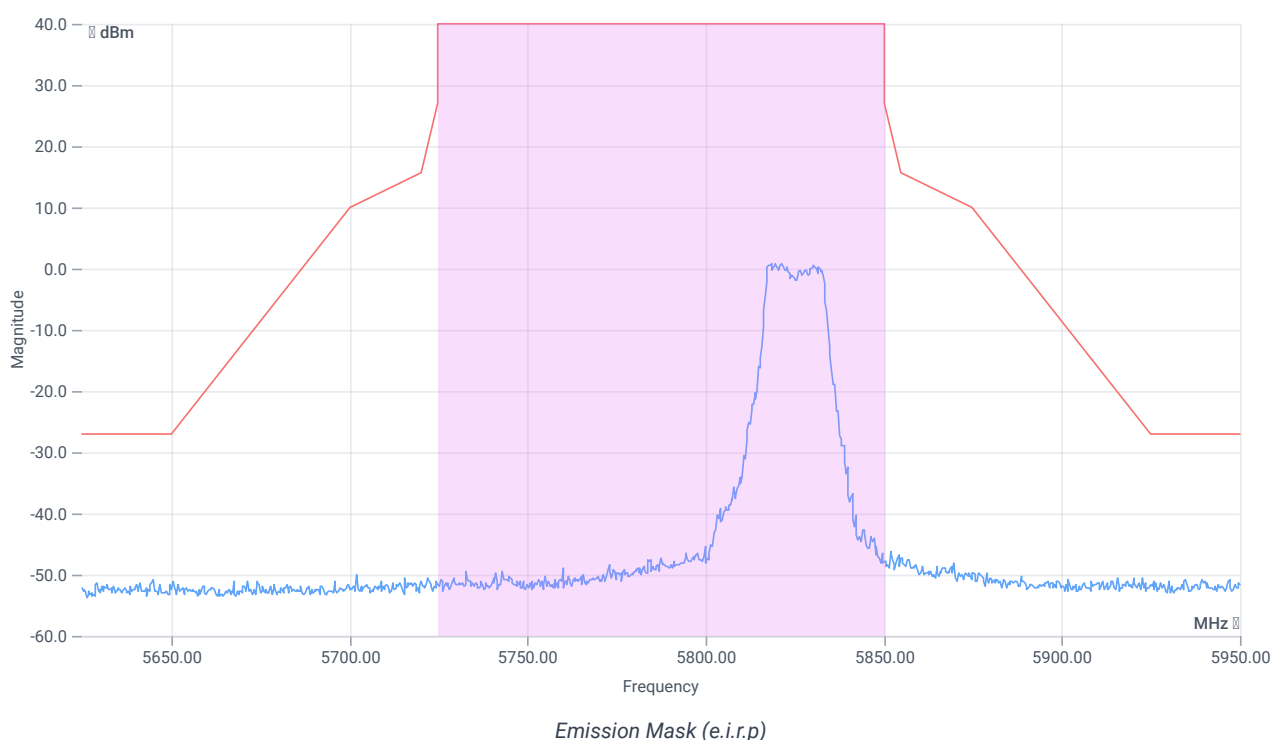
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.25	dBm	INFO
Ref. frequency	---	---	5830.000	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.75 10.45 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:08:21
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5785 MHz

RESULT: Reference power cond.

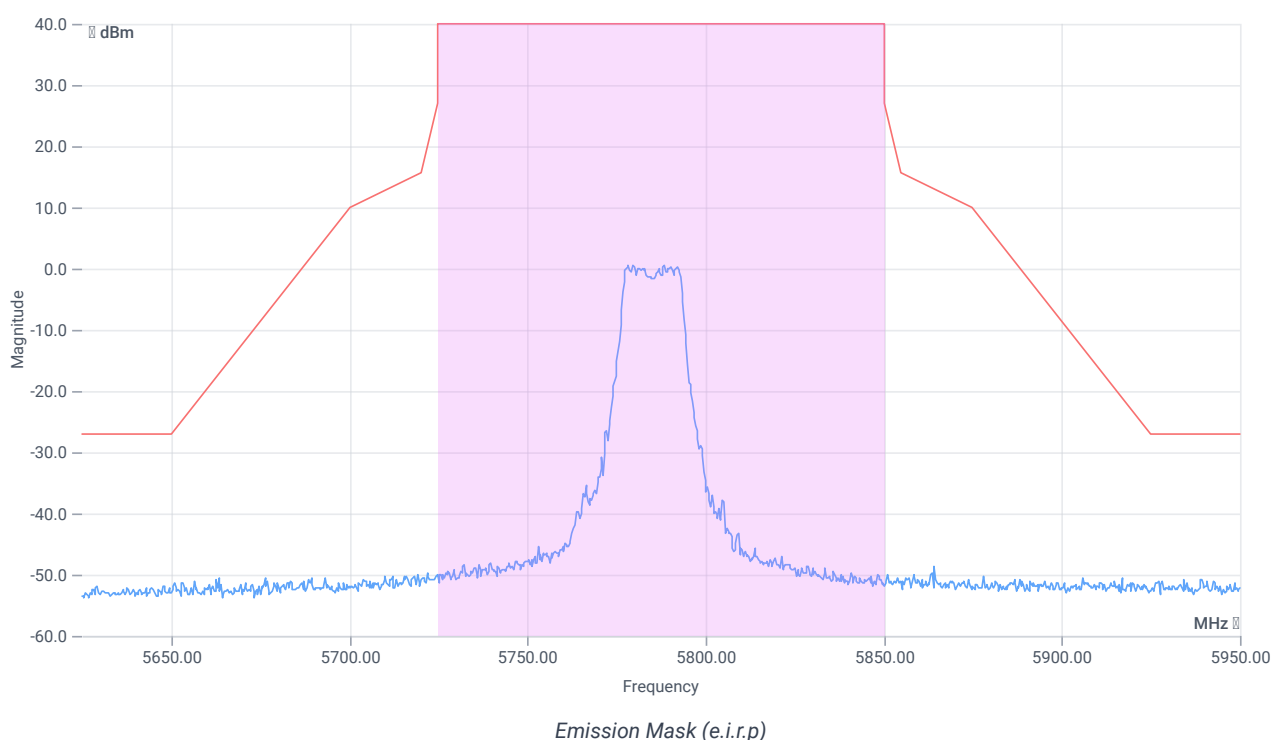
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.03	dBm	INFO
Ref. frequency	---	---	5790.190	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.03 10.41 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 17:00:58
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5785 MHz

RESULT: Reference power cond.

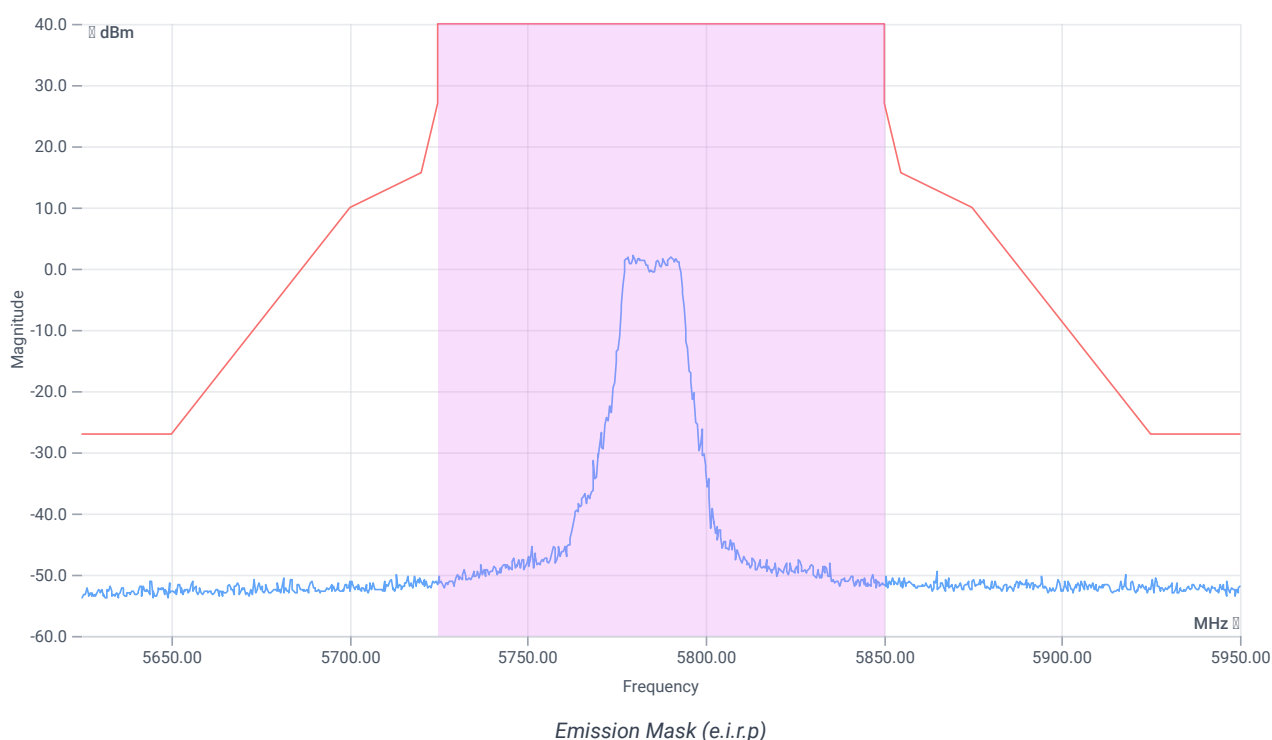
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.31	dBm	INFO
Ref. frequency	---	---	5786.400	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.31 10.38 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 16:52:10
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5745 MHz

RESULT: Reference power cond.

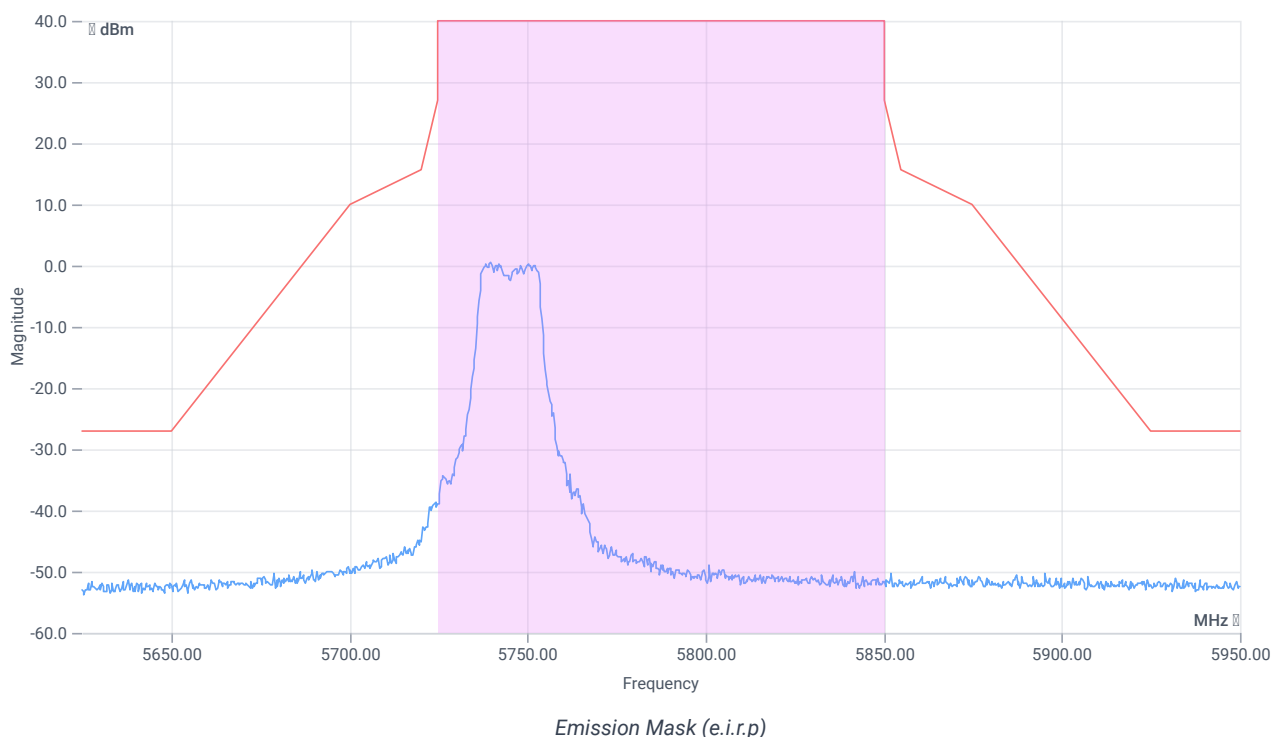
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-0.22	dBm	INFO
Ref. frequency	---	---	5746.800	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	2.78 10.38 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx n-HT20 mode U-NII-3

References

TC start	26.01.2024 16:44:51
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx n-HT20 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5745 MHz

RESULT: Reference power cond.

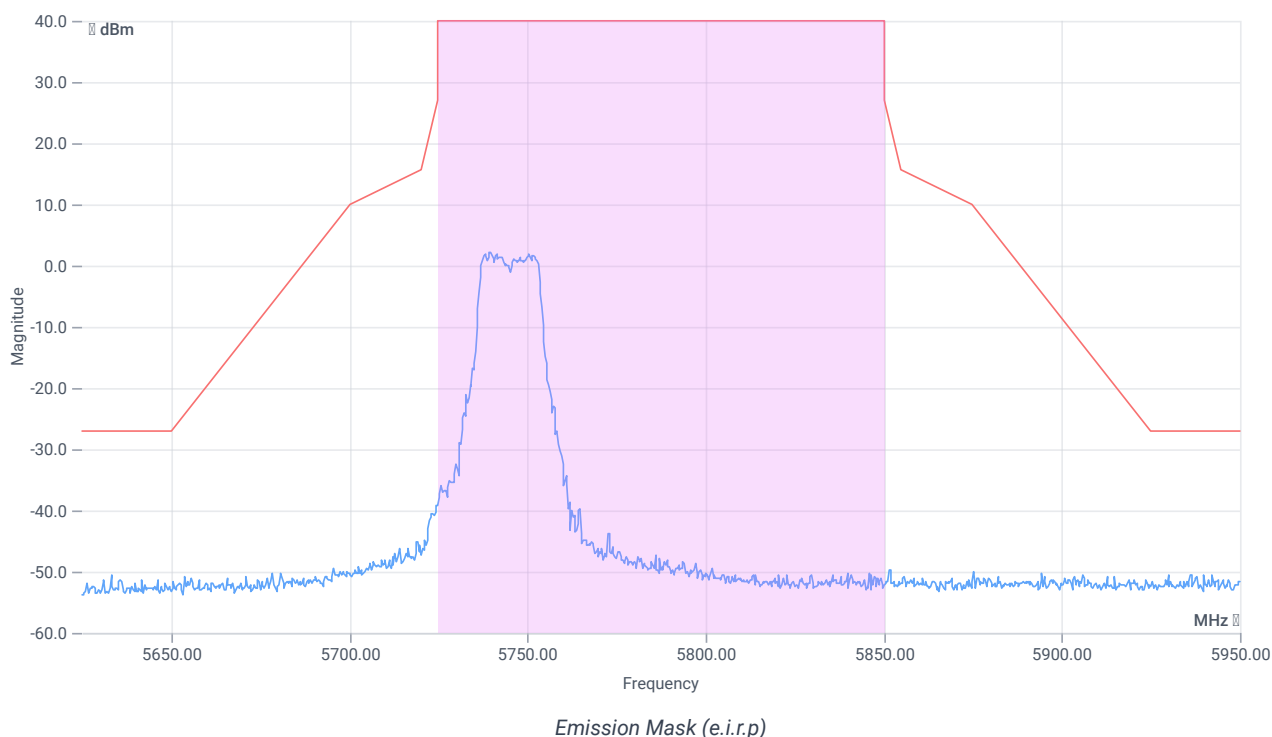
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.64	dBm	INFO
Ref. frequency	---	---	5741.800	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.64 10.36 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
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Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:51:00
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5825 MHz

RESULT: Reference power cond.

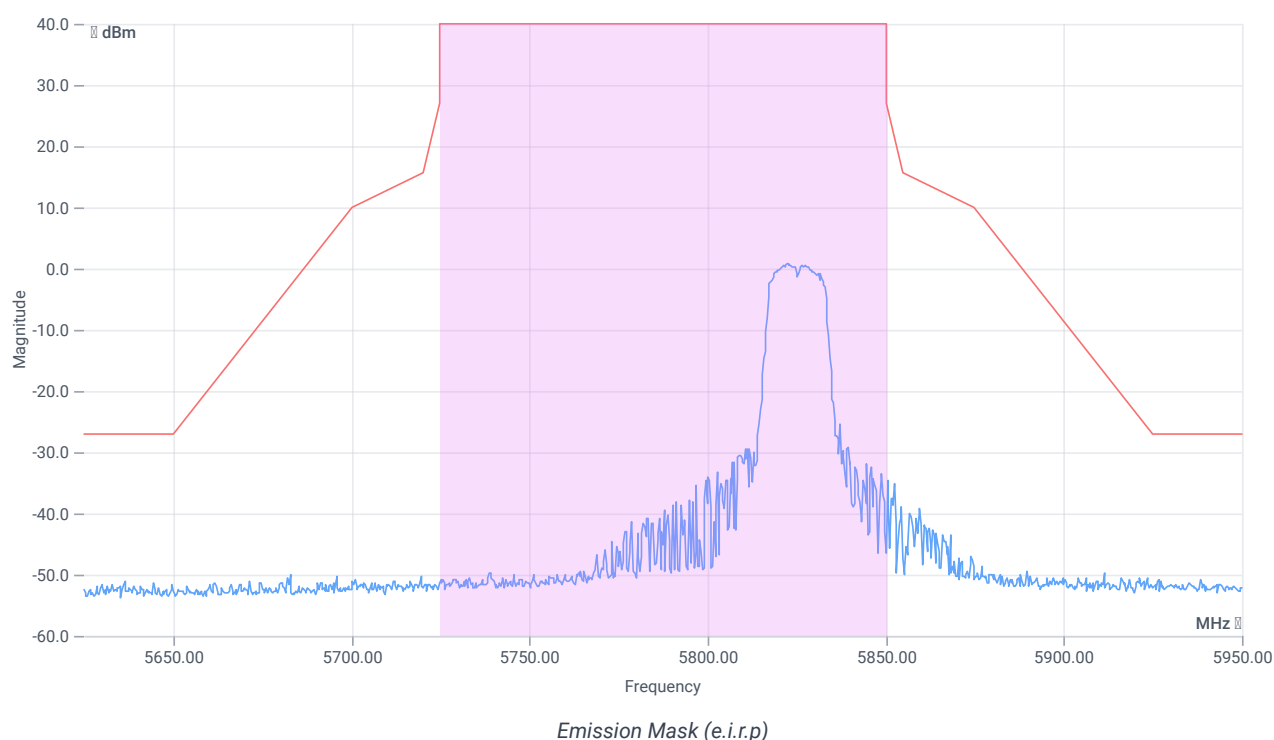
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	0.24	dBm	INFO
Ref. frequency	---	---	5826.400	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	3.24 10.44 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:43:43
Ambit temp [°C] humidity [rel%]	26.7 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5825 MHz

RESULT: Reference power cond.

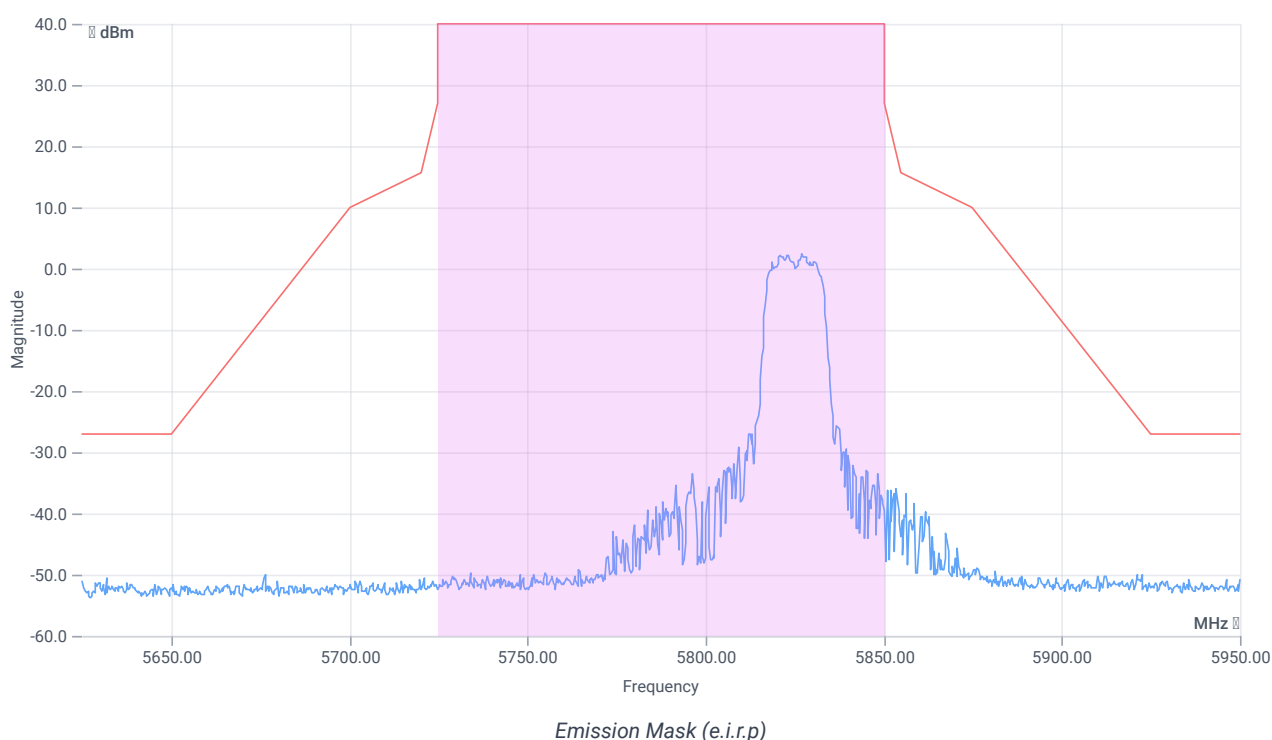
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.26	dBm	INFO
Ref. frequency	---	---	5822.200	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.26 10.45 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:35:17
Ambit temp [°C] humidity [rel%]	26.7 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5785 MHz

RESULT: Reference power cond.

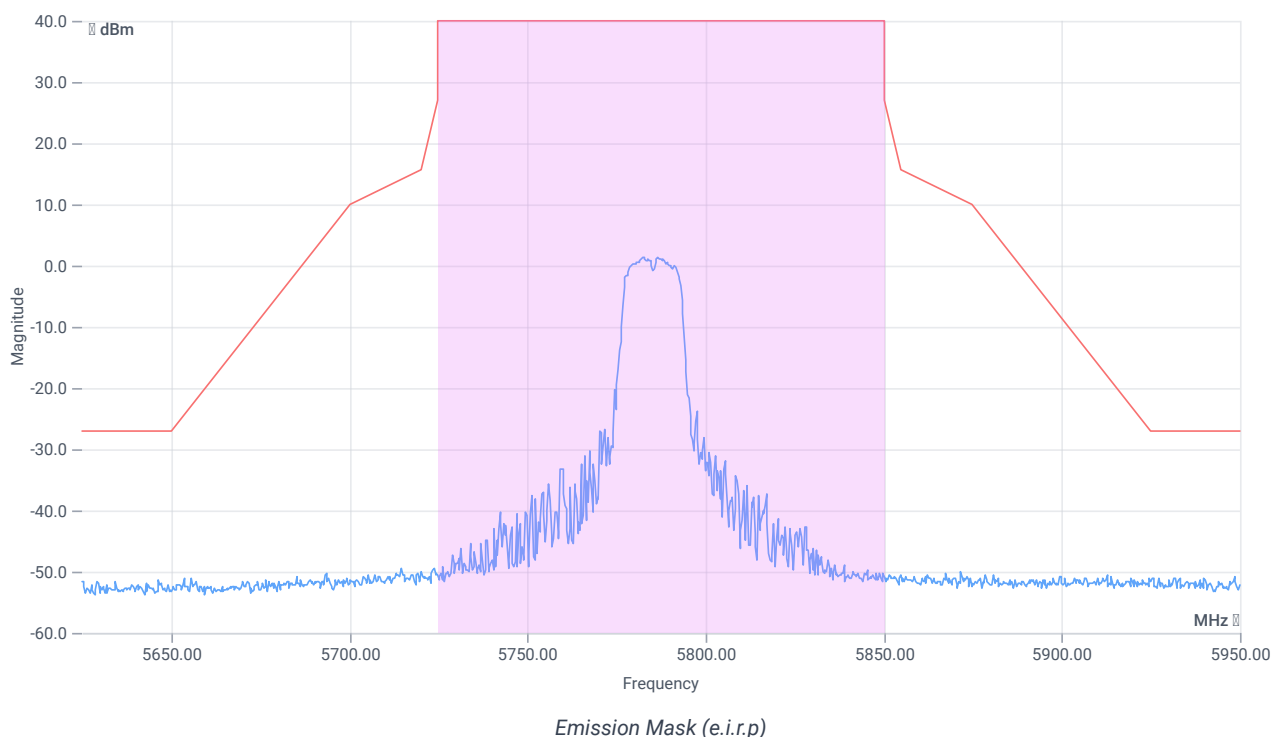
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	1.17	dBm	INFO
Ref. frequency	---	---	5788.000	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.17 10.41 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:27:55
Ambit temp [°C] humidity [rel%]	26.7 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5785 MHz

RESULT: Reference power cond.

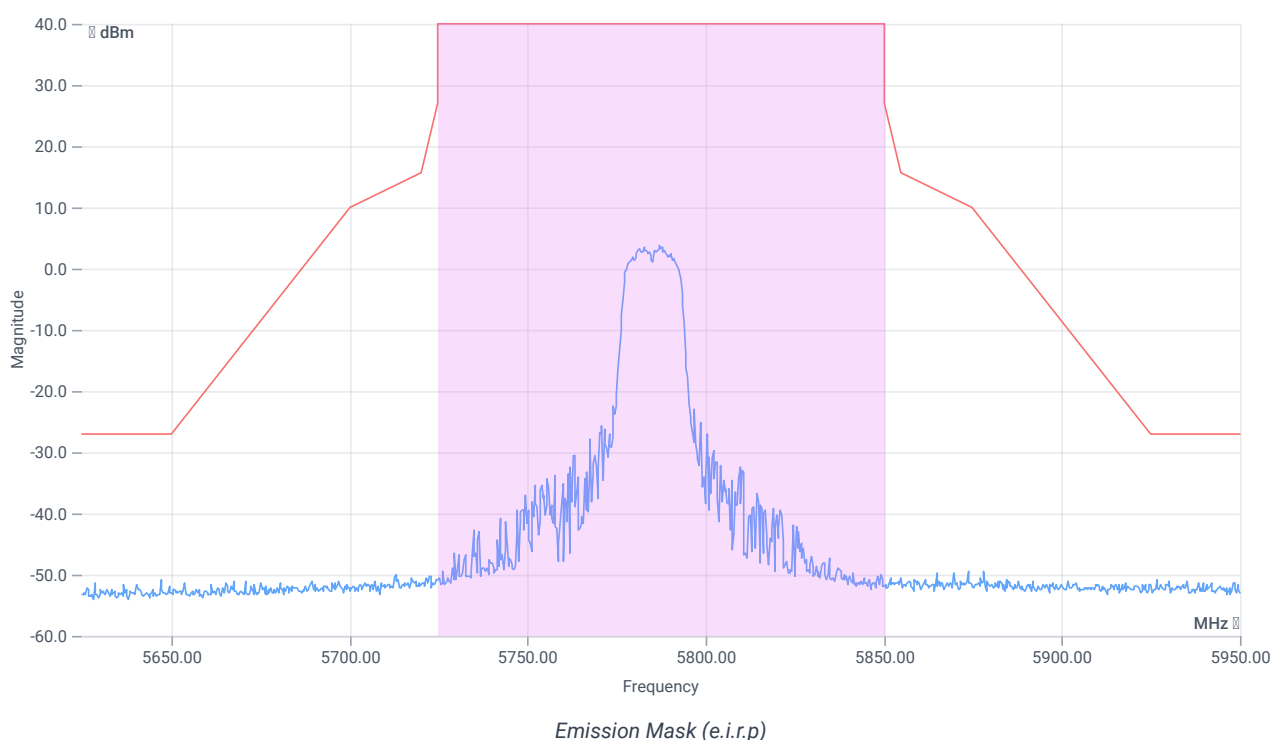
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.16	dBm	INFO
Ref. frequency	---	---	5780.800	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.16 10.38 10
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:19:25
Ambit temp [°C] humidity [rel%]	26.6 36
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5745 MHz

RESULT: Reference power cond.

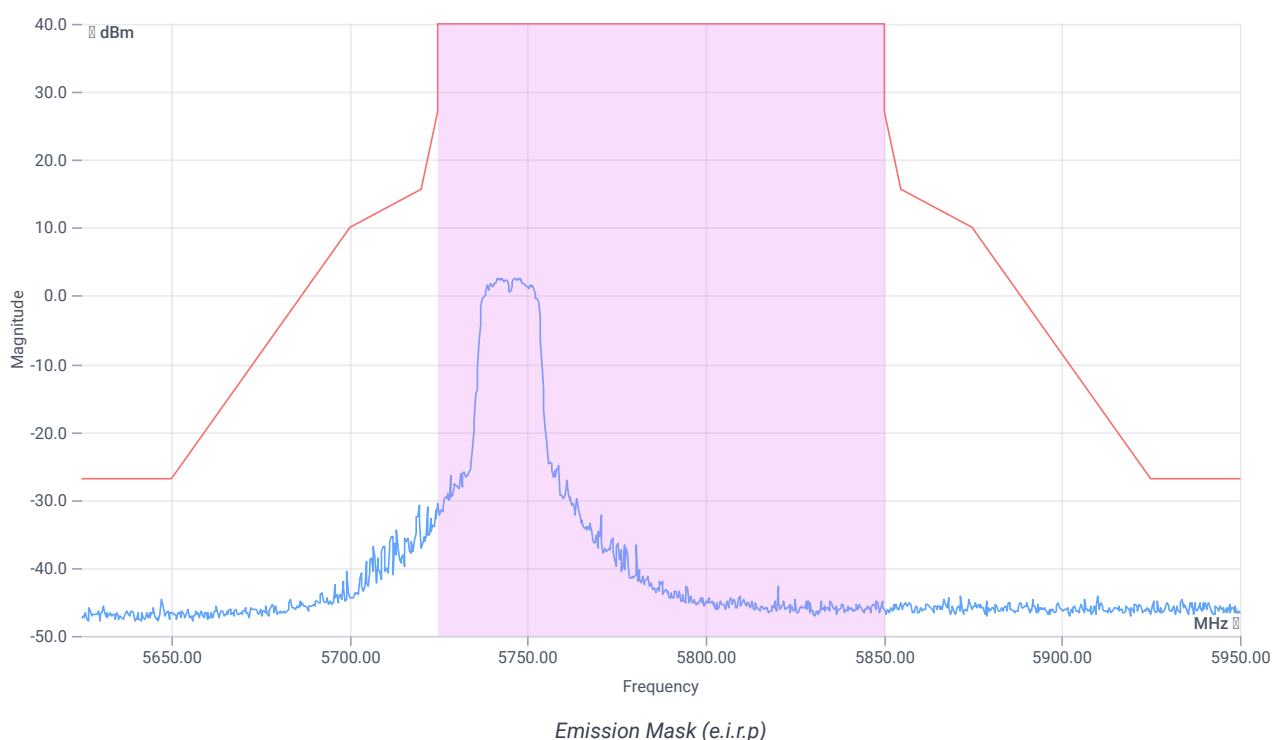
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.48	dBm	INFO
Ref. frequency	---	---	5747.600	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.48 10.38 15
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407, ISED RSS247 # Emission mask (cond) ~ WLAN5Gx a mode U-NII-3

References

TC start	26.01.2024 15:12:08
Ambit temp [°C] humidity [rel%]	26.6 37
System version	5.0.1.0
Standard Version	FCC 15.407, ISED RSS247 NI
Method	NI
Description	FCC 15.407 Emission mask - WLAN5Gx a mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNII_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx a mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5745 MHz

RESULT: Reference power cond.

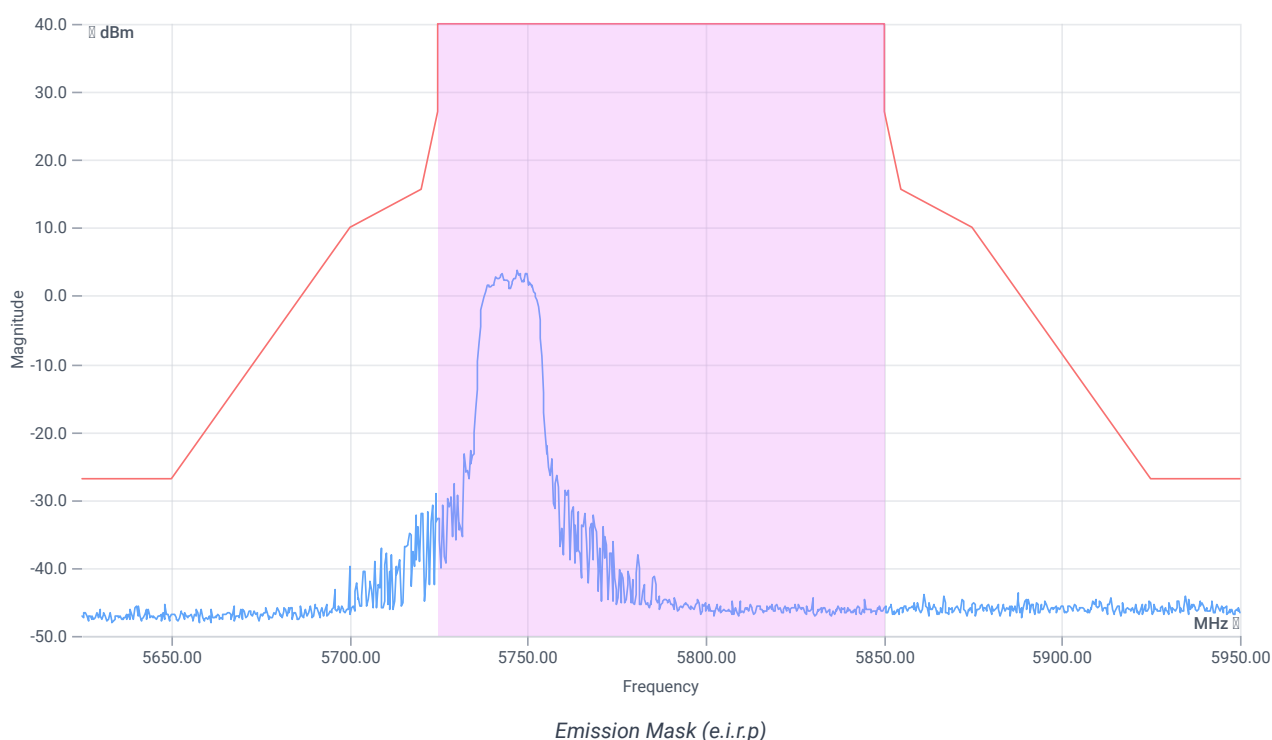
DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	2.66	dBm	INFO
Ref. frequency	---	---	5746.400	MHz	INFO

Antenna gain

Considered antenna gain [dBi]:	0
--------------------------------	---

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.66 10.36 15
Start [MHz] Stop [MHz]	5625.000 5950.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: time [ms] count points per Section type	1 2500 1001 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
-------------	-------------	-------------	----------	------	---------

Verdict

INCON

FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 18:51:53
Ambit temp [°C] humidity [rel%]	26.7 35
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5775 MHz

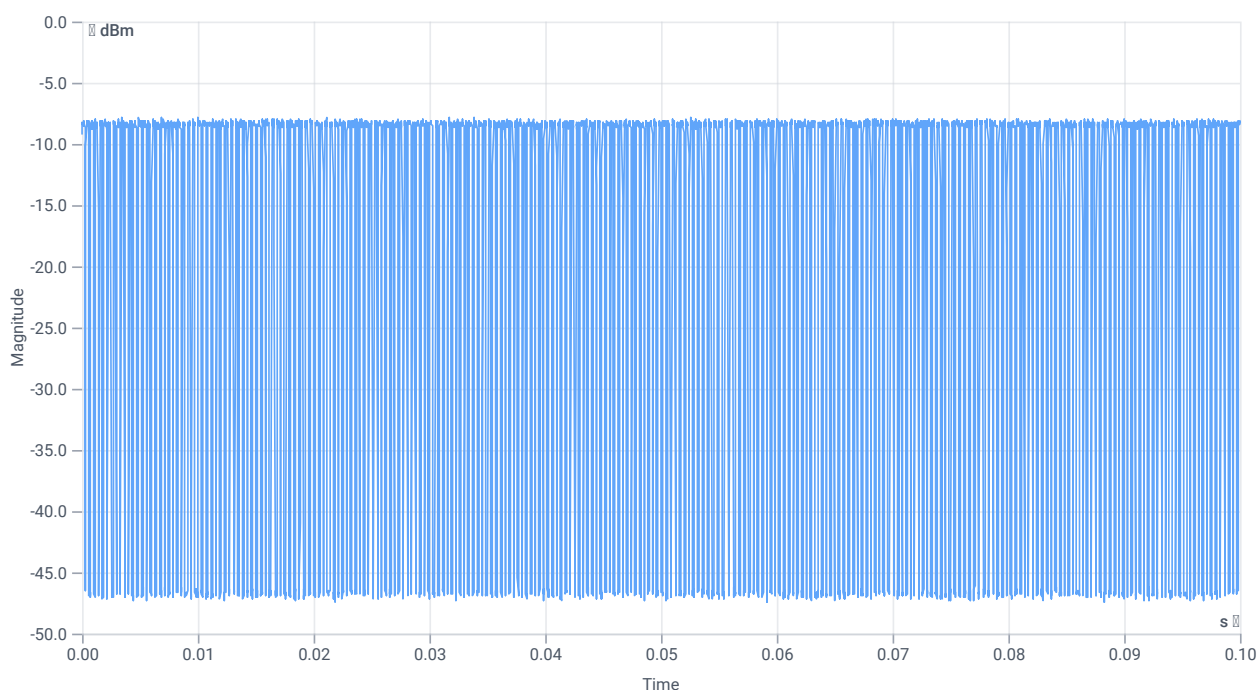
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-7.53	dBm	INFO
Ref. frequency	---	---	5770.400	MHz	INFO

Evaluation max. duty cycle

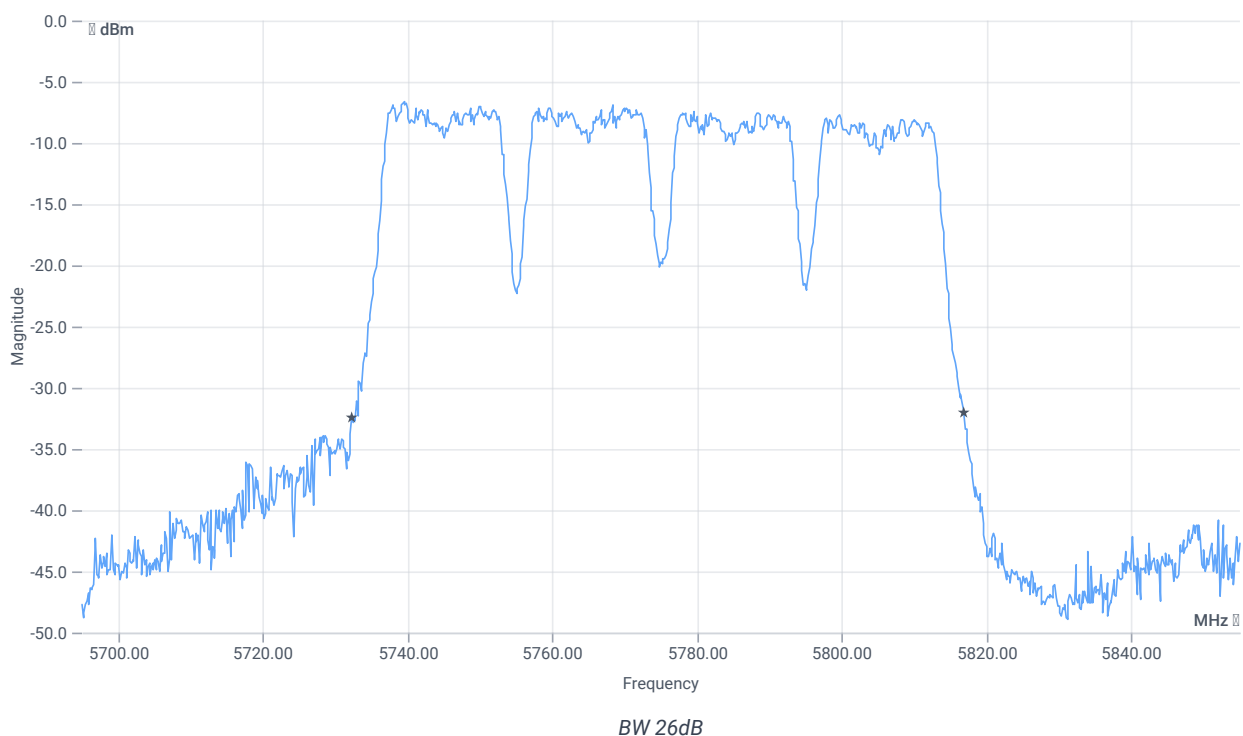
DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 256					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.391	---	INFO
Duty cycle min	---	---	4.078	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.35	ms	INFO



Duty cycle

Evaluation bandwidth



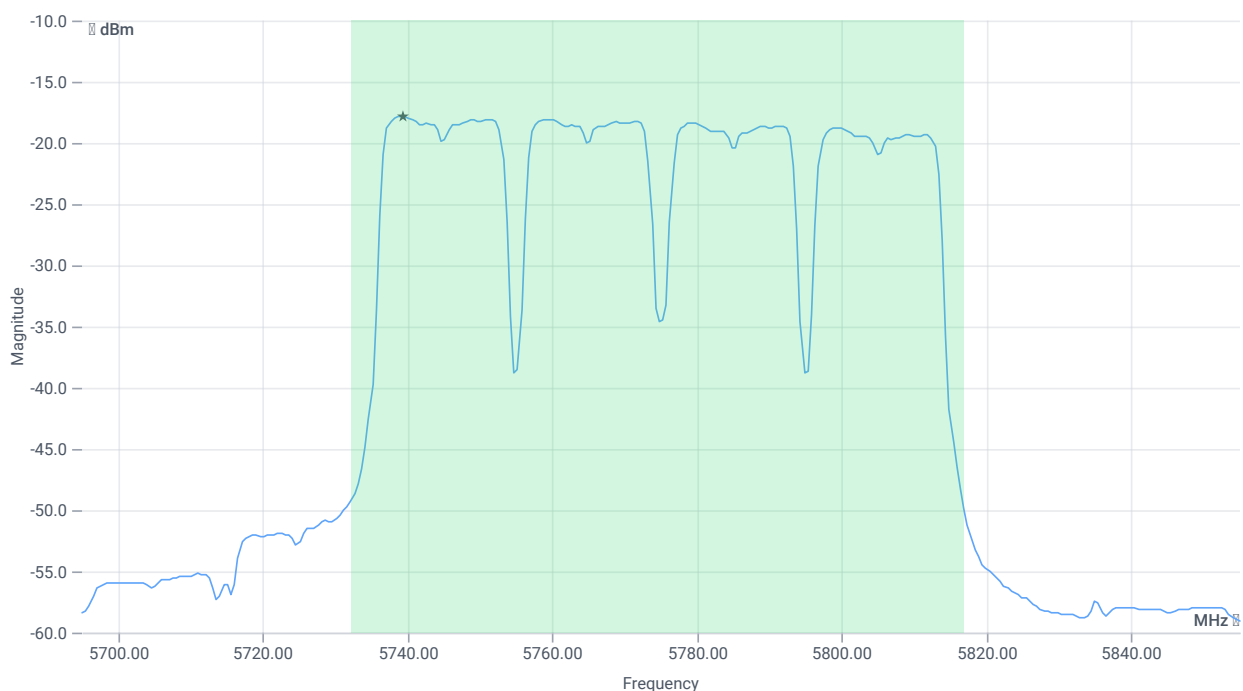
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.64	MHz	INFO
T1 26dB	---	---	5732.2800	MHz	INFO
T2 26dB	---	---	5816.9200	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.47 10.41 10
Start [MHz] Stop [MHz]	5695.000 5855.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



Max OP and PSD

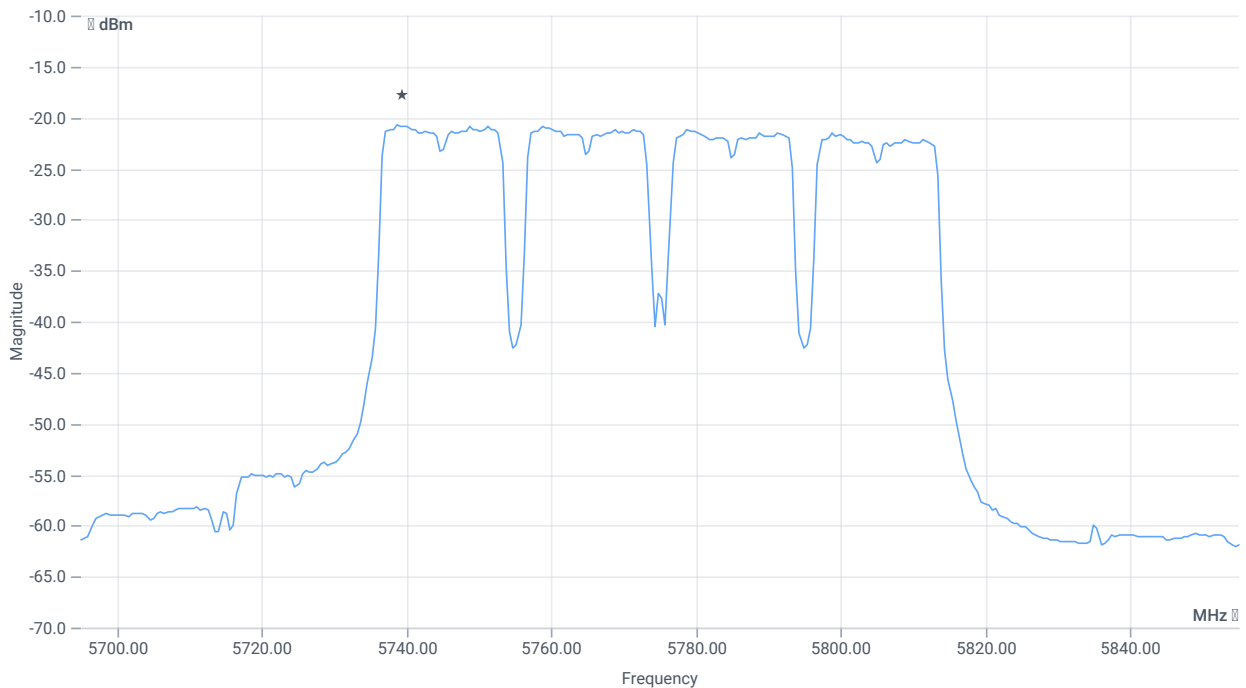
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	-0.84	dBm	INFO
Duty cycle correction	---	---	4.08	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	3.24	dBm	PASS
Limit: 11 dBm + 10 log 84.64					
Max output power DC corrected	---	30.28	3.24	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.47 10.41 10
Start [MHz] Stop [MHz]	5695.000 5855.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-20.68	dBm/0.5MHz	INFO
Duty cycle correction	---	---	4.08	dB	INFO
Power spectral density DC corrected	---	30	-16.6	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-3

References

TC start	26.01.2024 18:40:51
Ambit temp [°C] humidity [rel%]	26.8 35
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx ac-VHT80 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5775
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5775 MHz

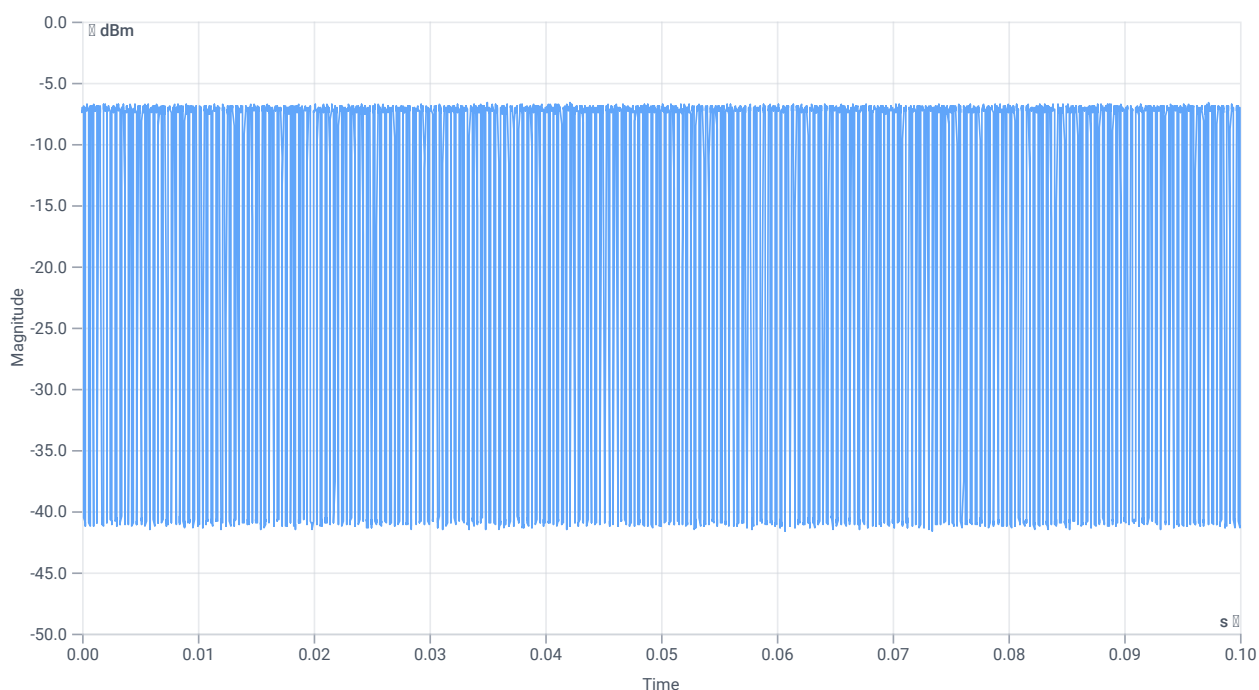
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-5.99	dBm	INFO
Ref. frequency	---	---	5757.620	MHz	INFO

Evaluation max. duty cycle

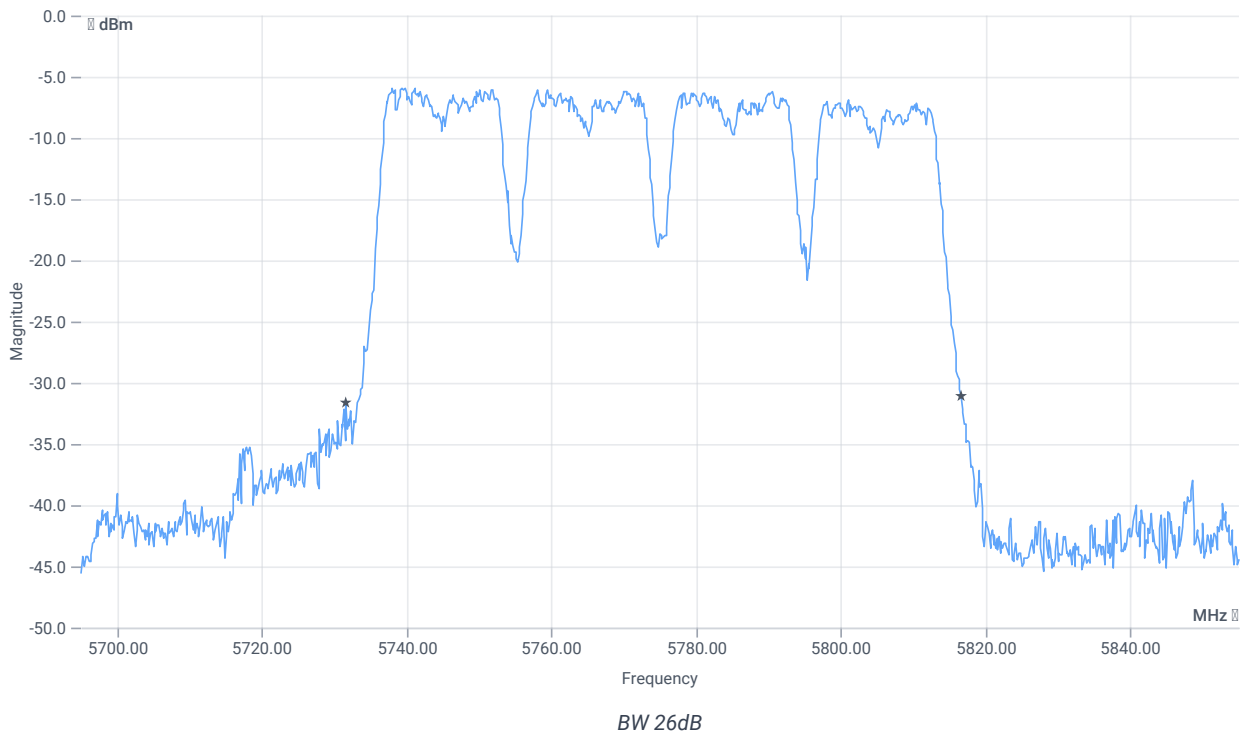
DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 263					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.444	---	INFO
Duty cycle min	---	---	3.526	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.275	ms	INFO



Duty cycle

Evaluation bandwidth



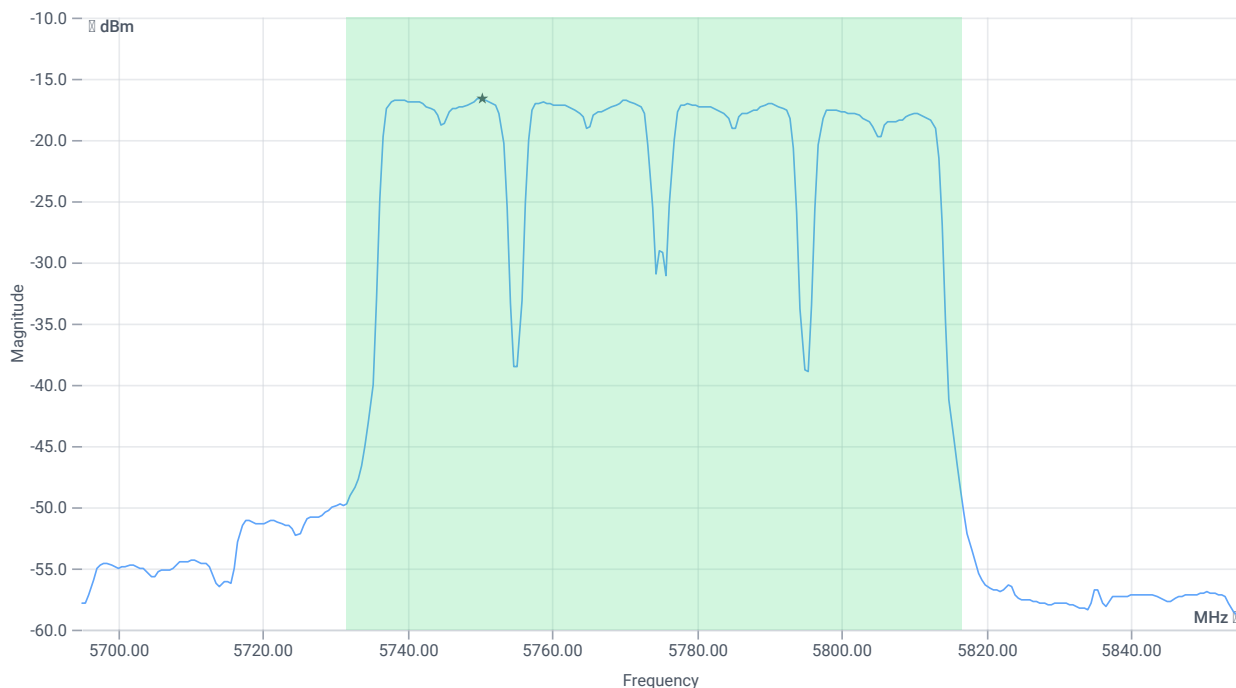
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84.96	MHz	INFO
T1 26dB	---	---	5731.6400	MHz	INFO
T2 26dB	---	---	5816.6000	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.01 10.38 10
Start [MHz] Stop [MHz]	5695.000 5855.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



Max OP and PSD

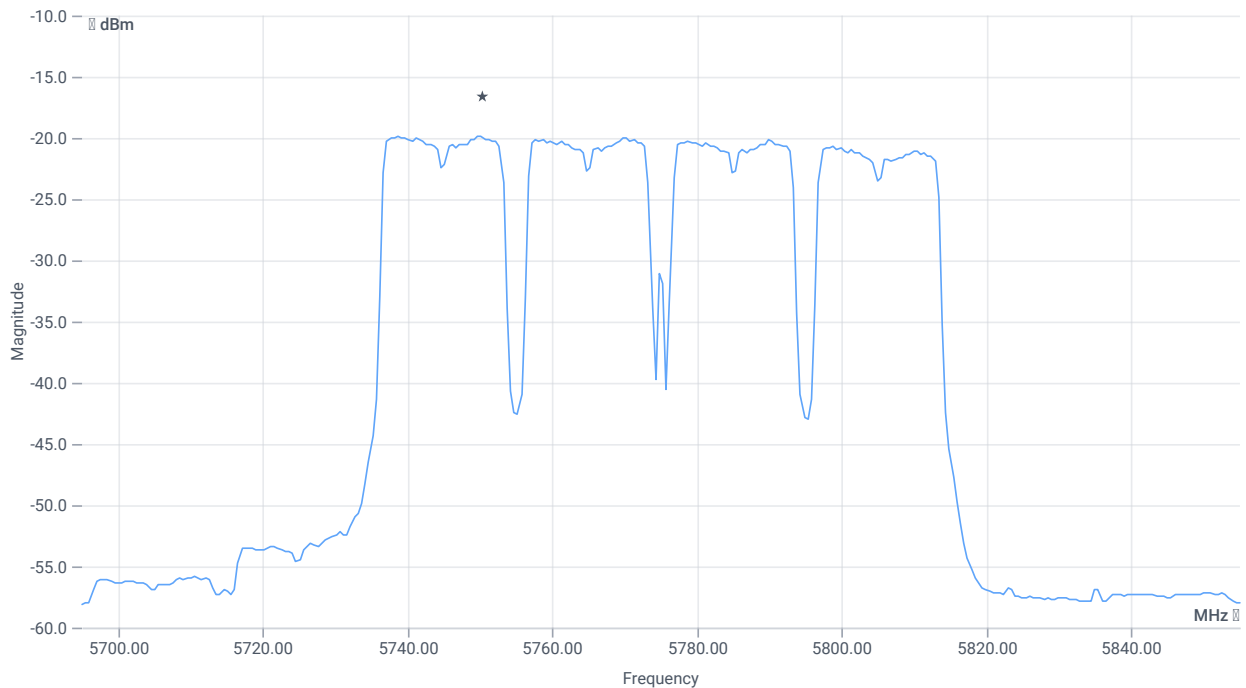
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	0.42	dBm	INFO
Duty cycle correction	---	---	3.53	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	3.95	dBm	PASS
Limit: 11 dBm + 10 log 84.96					
Max output power DC corrected	---	30.29	3.95	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.01 10.38 15
Start [MHz] Stop [MHz]	5695.000 5855.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-19.81	dBm/0.5MHz	INFO
Duty cycle correction	---	---	3.53	dB	INFO
Power spectral density DC corrected	---	30	-16.28	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-1

References

TC start	26.01.2024 18:33:11
Ambit temp [°C] humidity [rel%]	26.8 32
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx ac-VHT80 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5210
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5210 MHz

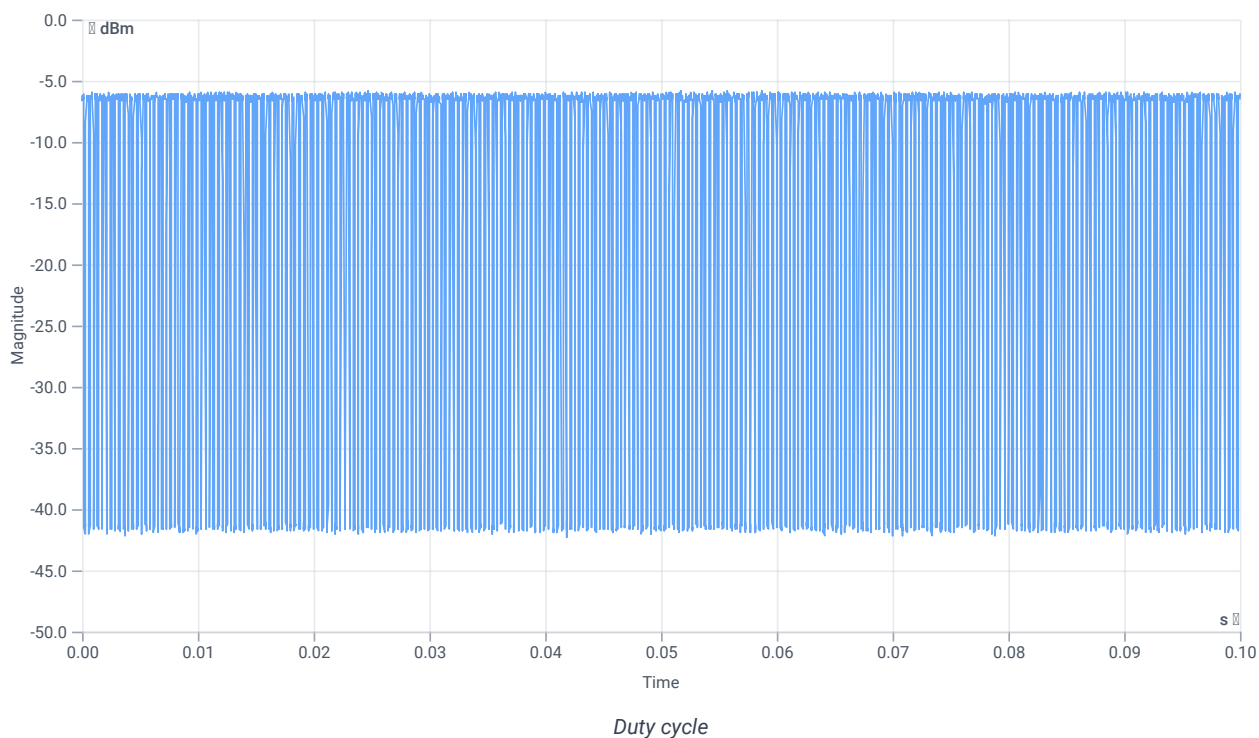
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-5.75	dBm	INFO
Ref. frequency	---	---	5214.600	MHz	INFO

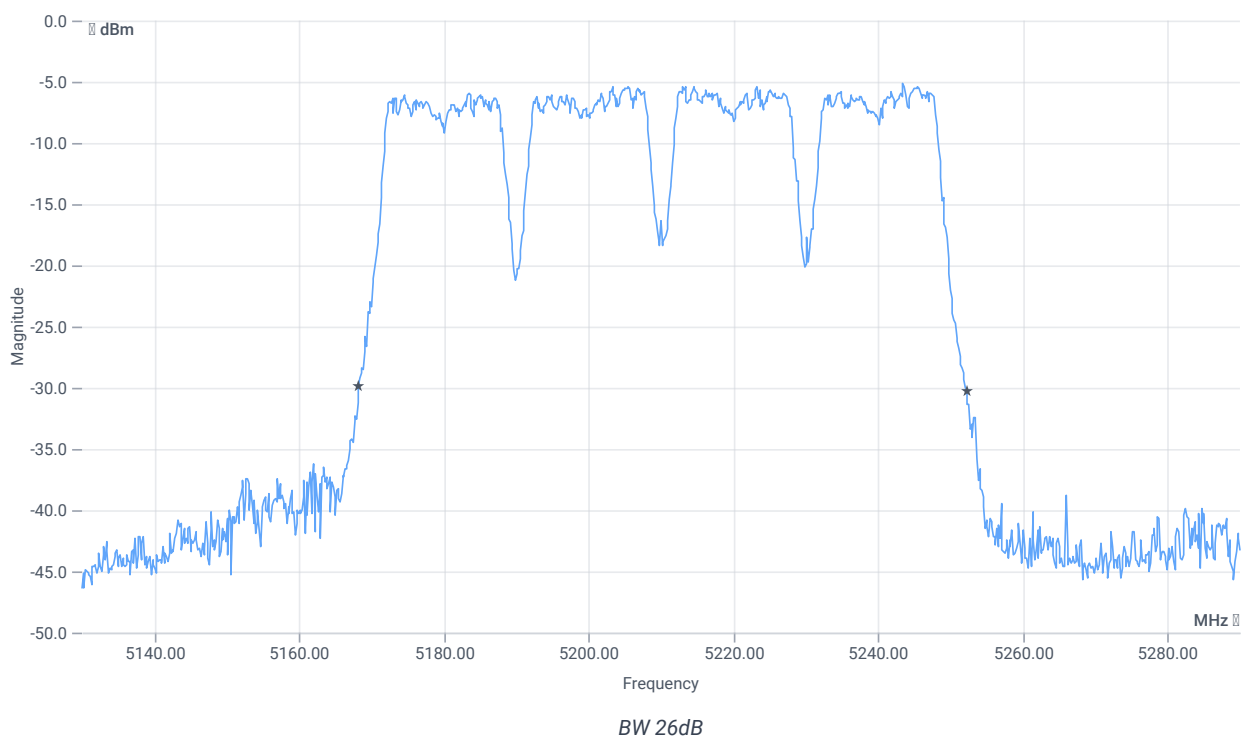
Evaluation max. duty cycle

DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 266					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.471	---	INFO
Duty cycle min	---	---	3.27	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.225	ms	INFO



Evaluation bandwidth



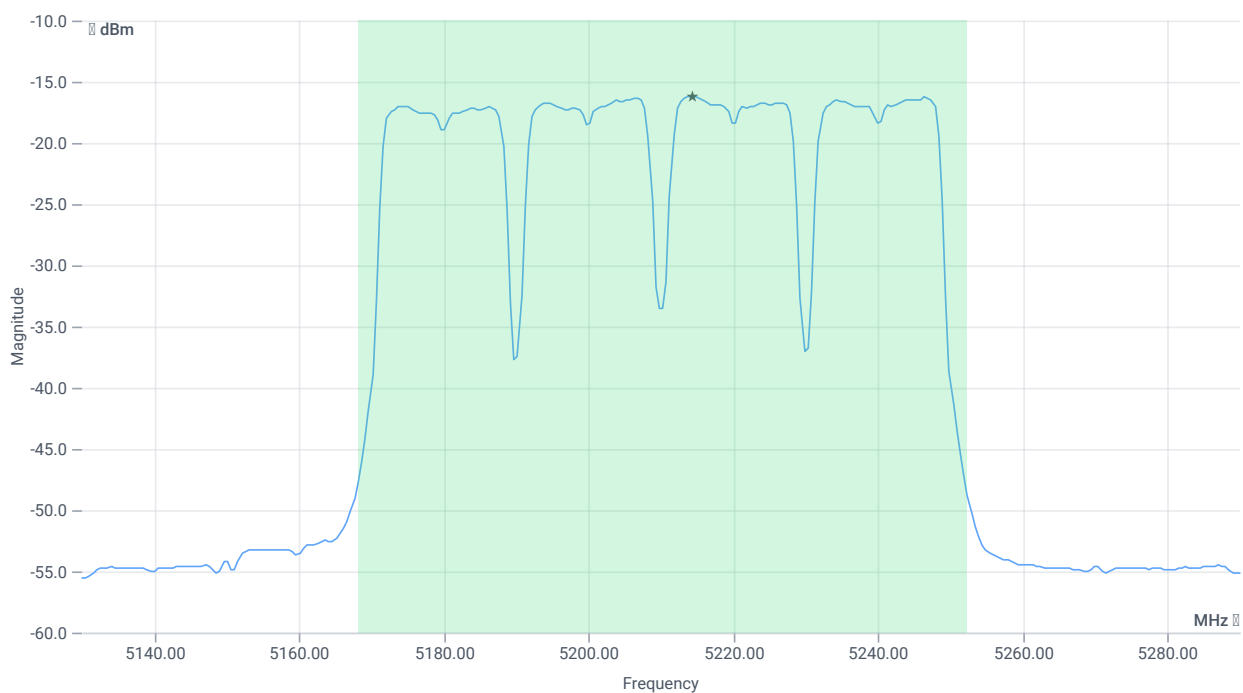
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	84	MHz	INFO
T1 26dB	---	---	5168.2400	MHz	INFO
T2 26dB	---	---	5252.2400	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.25 10.05 15
Start [MHz] Stop [MHz]	5130.000 5290.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	0.92	dBm	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Limit absolute					
Max output power DC corrected	---	24	4.19	dBm	PASS
Limit: 11 dBm + 10 log 84					
Max output power DC corrected	---	30.24	4.19	dBm	na

Power spectral density

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-16.19	dBm/1MHz	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Power spectral density DC corrected	---	11	-12.92	dBm/1MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx ac-VHT80 mode U-NII-1

References

TC start	26.01.2024 18:26:54
Ambit temp [°C] humidity [rel%]	26.8 30
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx ac-VHT80 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx ac-VHT80 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 0
Frequency mid to test	True Freq [MHz] 5210
Frequency high to test	False Freq [MHz] 0
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5210 MHz

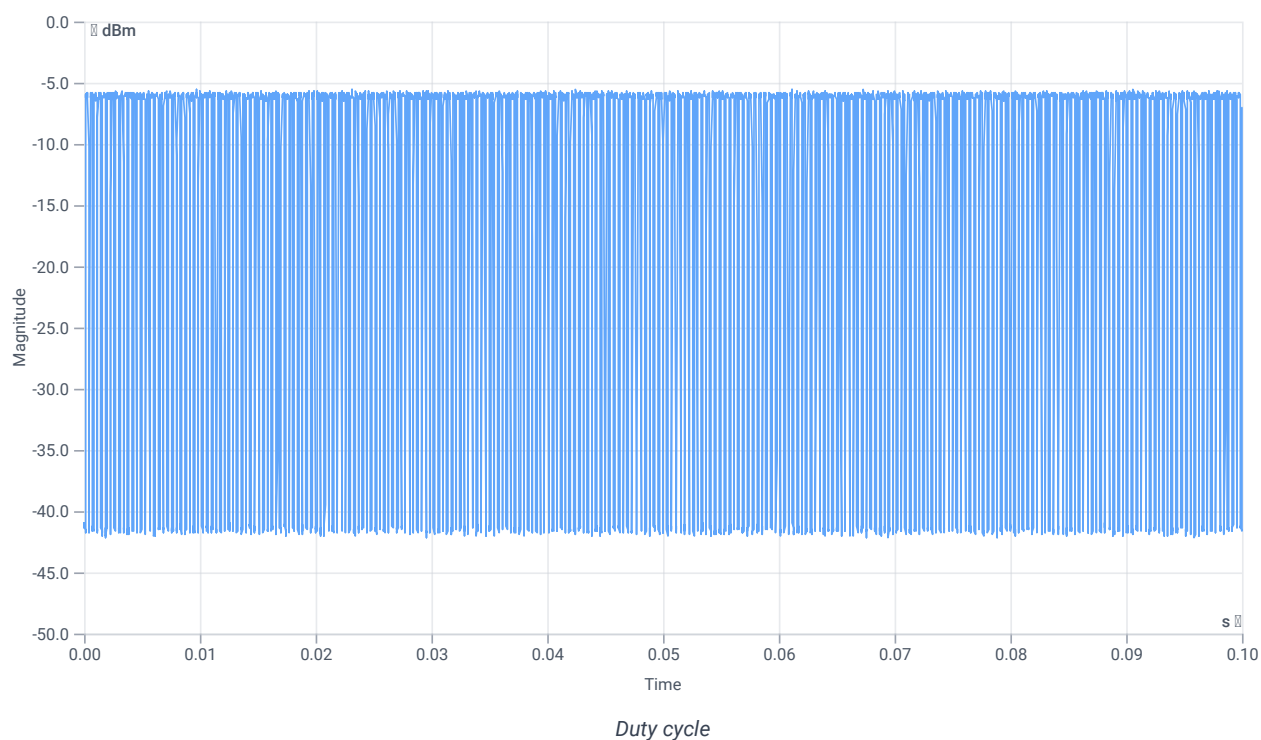
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-5.75	dBm	INFO
Ref. frequency	---	---	5244.970	MHz	INFO

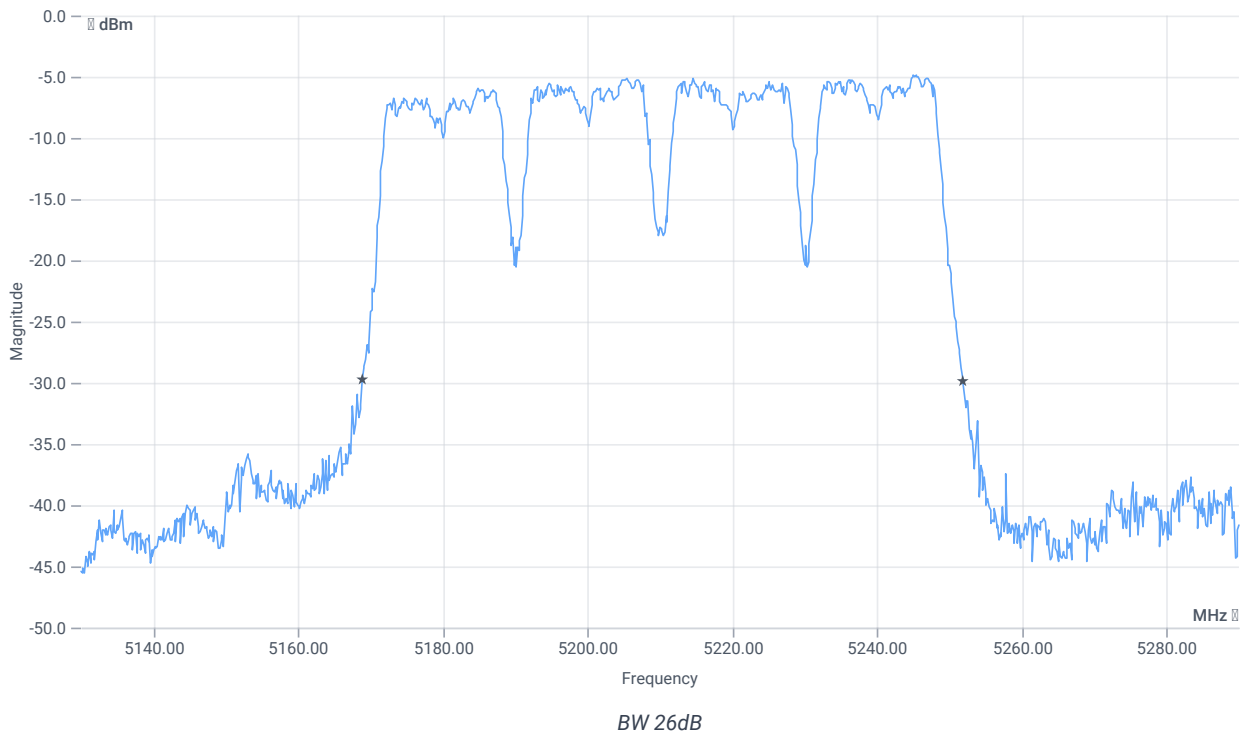
Evaluation max. duty cycle

DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 265					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.471	---	INFO
Duty cycle min	---	---	3.27	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.225	ms	INFO



Evaluation bandwidth



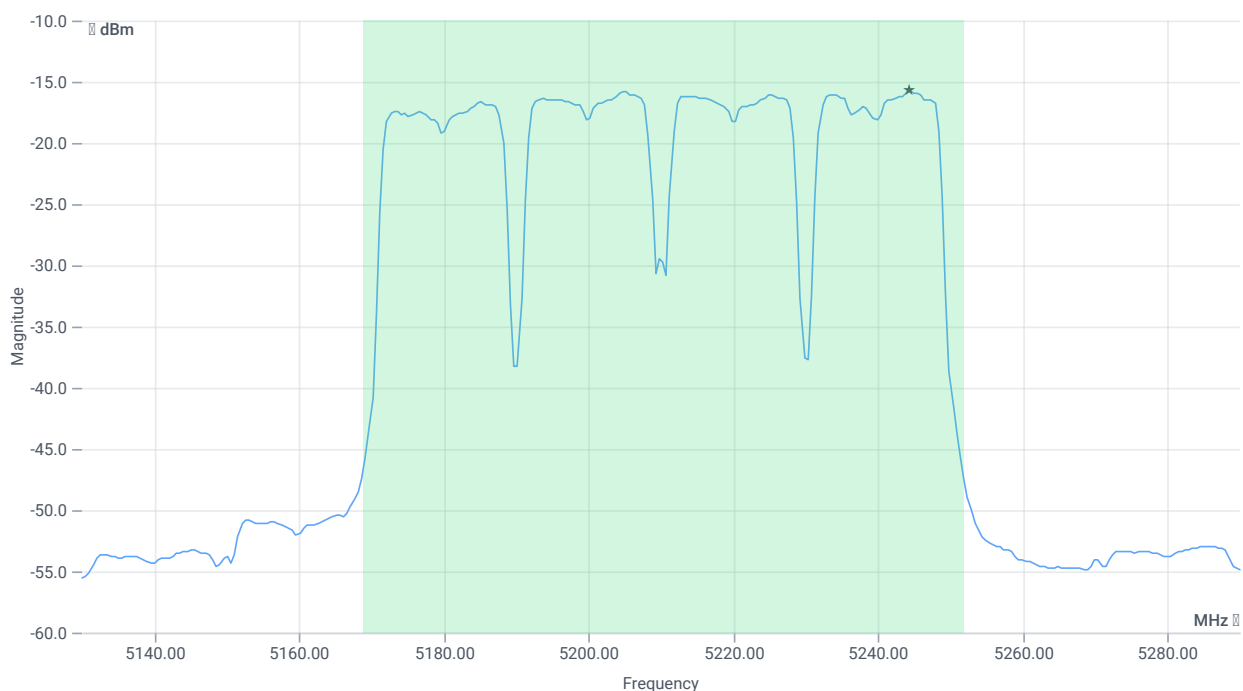
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	83.04	MHz	INFO
T1 26dB	---	---	5168.8800	MHz	INFO
T2 26dB	---	---	5251.9200	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.25 10.02 15
Start [MHz] Stop [MHz]	5130.000 5290.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	107000 1 320 SWE



Max OP and PSD

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	1.14	dBm	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Limit absolute					
Max output power DC corrected	---	24	4.41	dBm	PASS
Limit: 11 dBm + 10 log 83.04					
Max output power DC corrected	---	30.19	4.41	dBm	na

Power spectral density

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-15.7	dBm/1MHz	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Power spectral density DC corrected	---	11	-12.43	dBm/1MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:15:47
Ambit temp [°C] humidity [rel%]	26.7 33
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5795 MHz

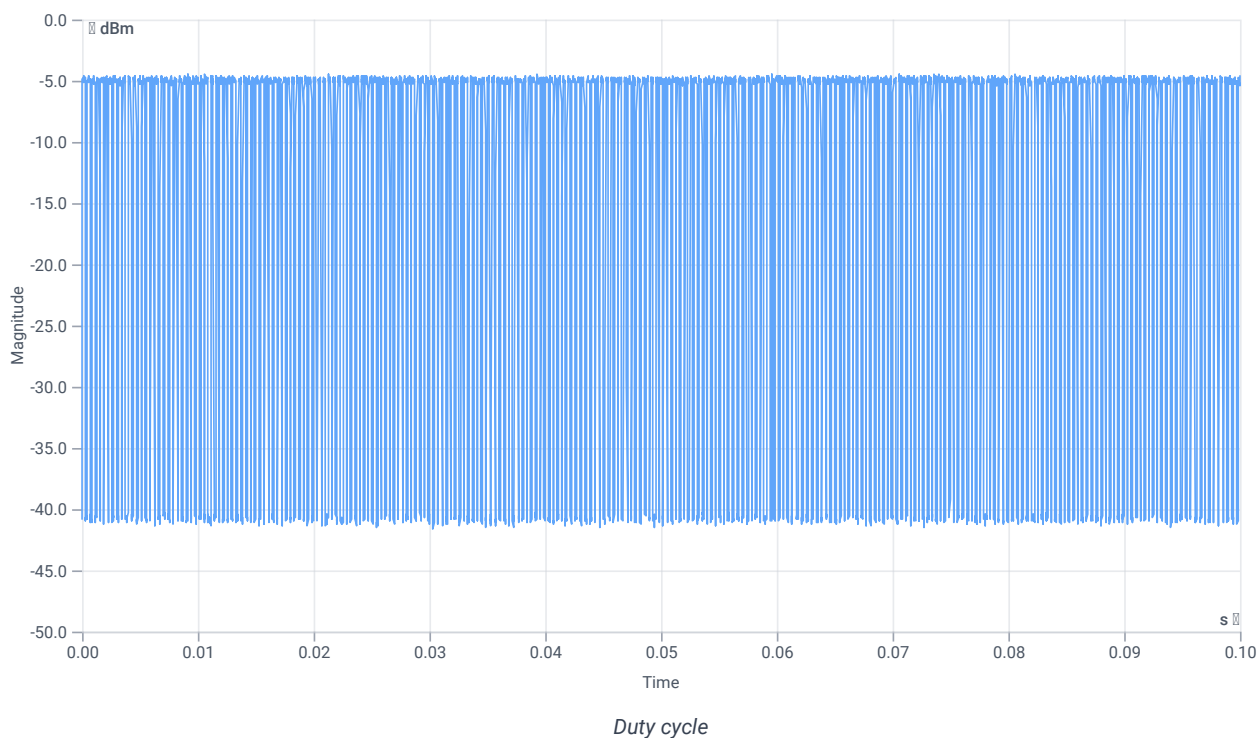
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-4.34	dBm	INFO
Ref. frequency	---	---	5809.990	MHz	INFO

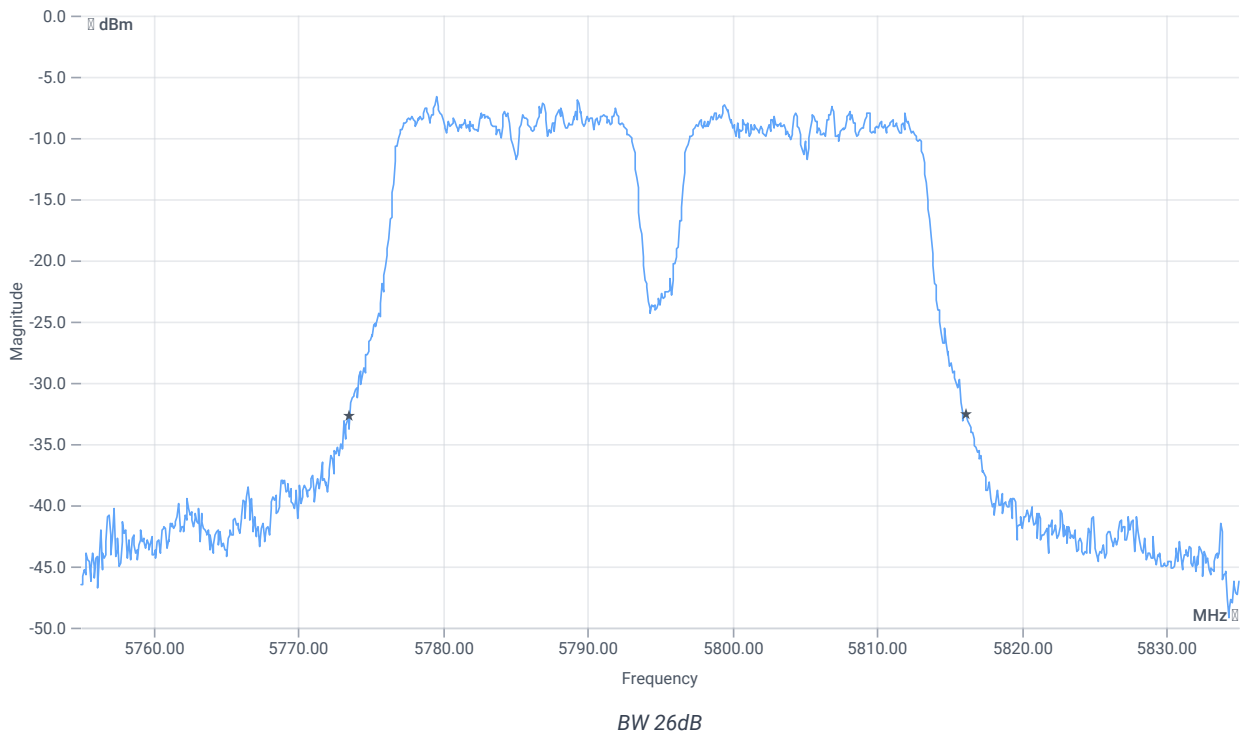
Evaluation max. duty cycle

DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 255					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.429	---	INFO
Duty cycle min	---	---	3.675	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.3	ms	INFO



Evaluation bandwidth



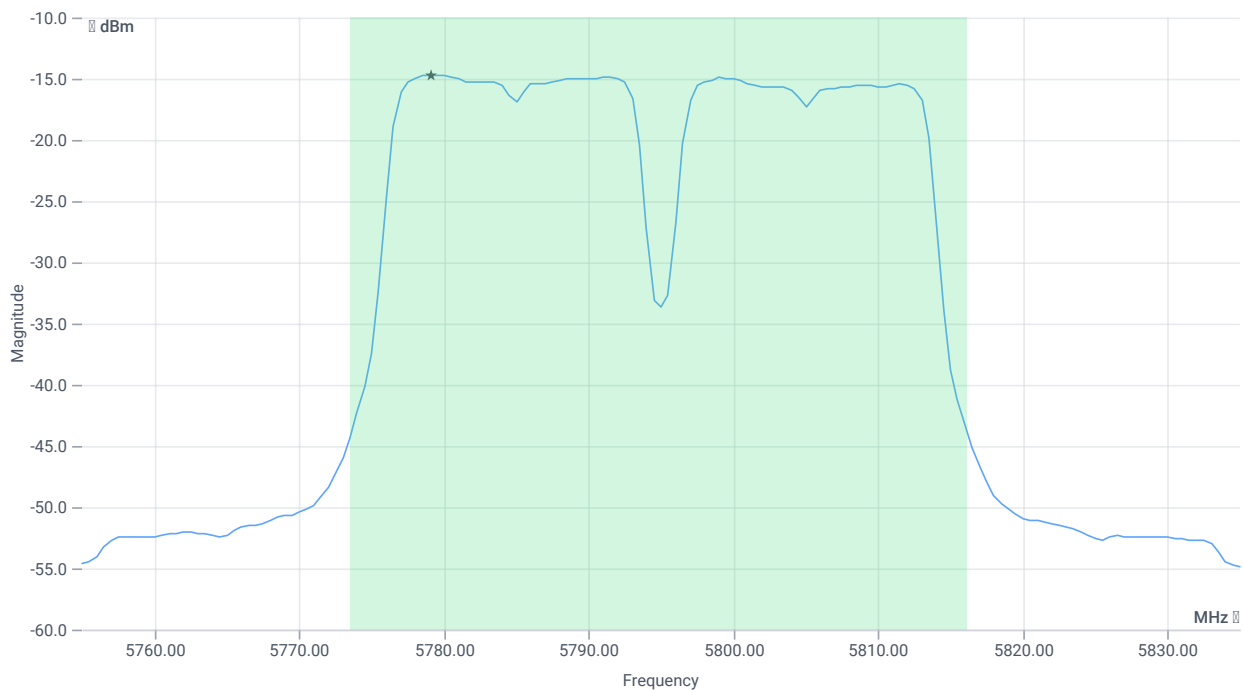
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.72	MHz	INFO
T1 26dB	---	---	5773.4800	MHz	INFO
T2 26dB	---	---	5816.2000	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.66 10.41 15
Start [MHz] Stop [MHz]	5755.000 5835.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



Max OP and PSD

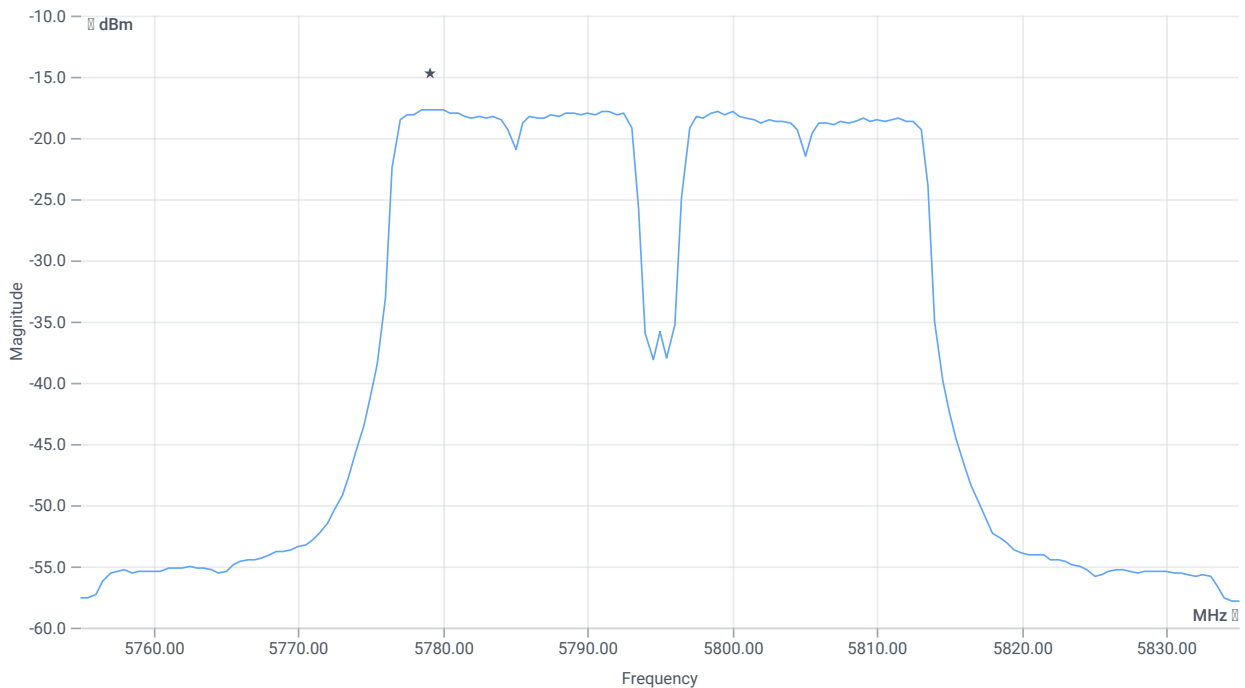
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	-0.46	dBm	INFO
Duty cycle correction	---	---	3.68	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	3.22	dBm	PASS
Limit: 11 dBm + 10 log 42.72					
Max output power DC corrected	---	27.31	3.22	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	7.66 10.41 15
Start [MHz] Stop [MHz]	5755.000 5835.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



PSD UNII-3

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-17.65	dBm/0.5MHz	INFO
Duty cycle correction	---	---	3.68	dB	INFO
Power spectral density DC corrected	---	30	-13.97	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 18:08:48
Ambit temp [°C] humidity [rel%]	26.8 33
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5795 MHz

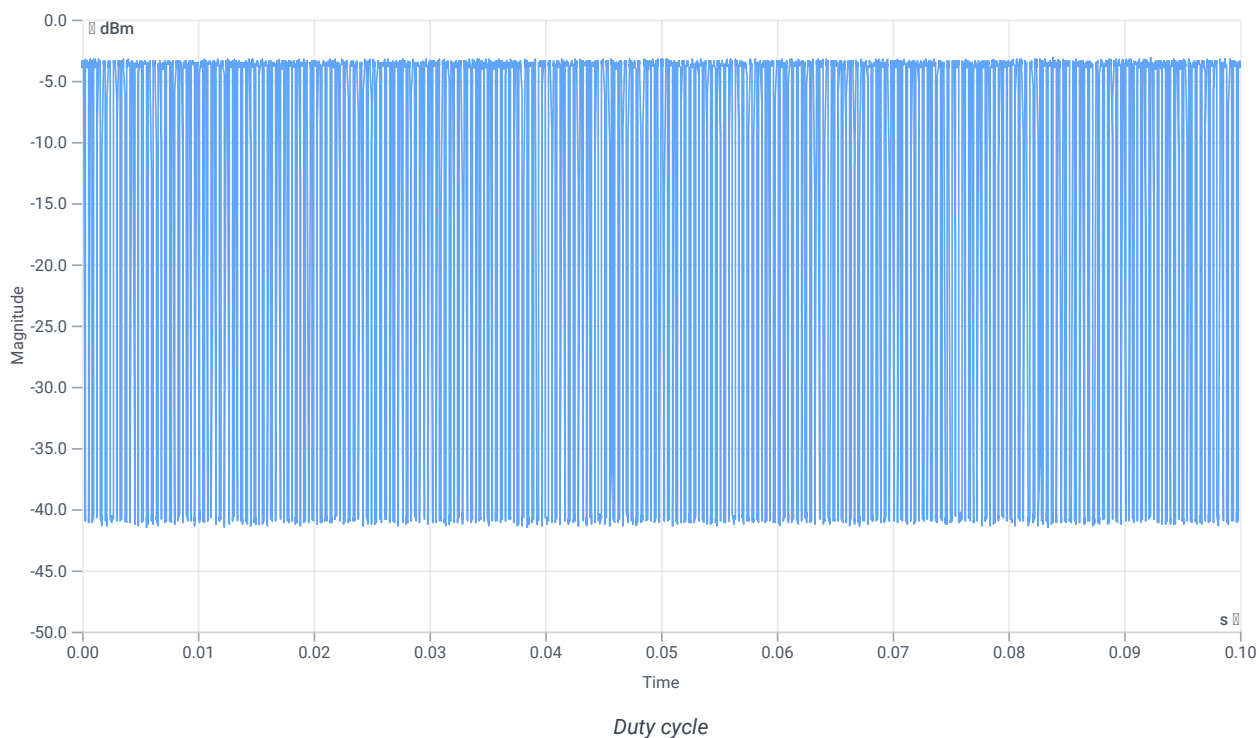
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.67	dBm	INFO
Ref. frequency	---	---	5779.820	MHz	INFO

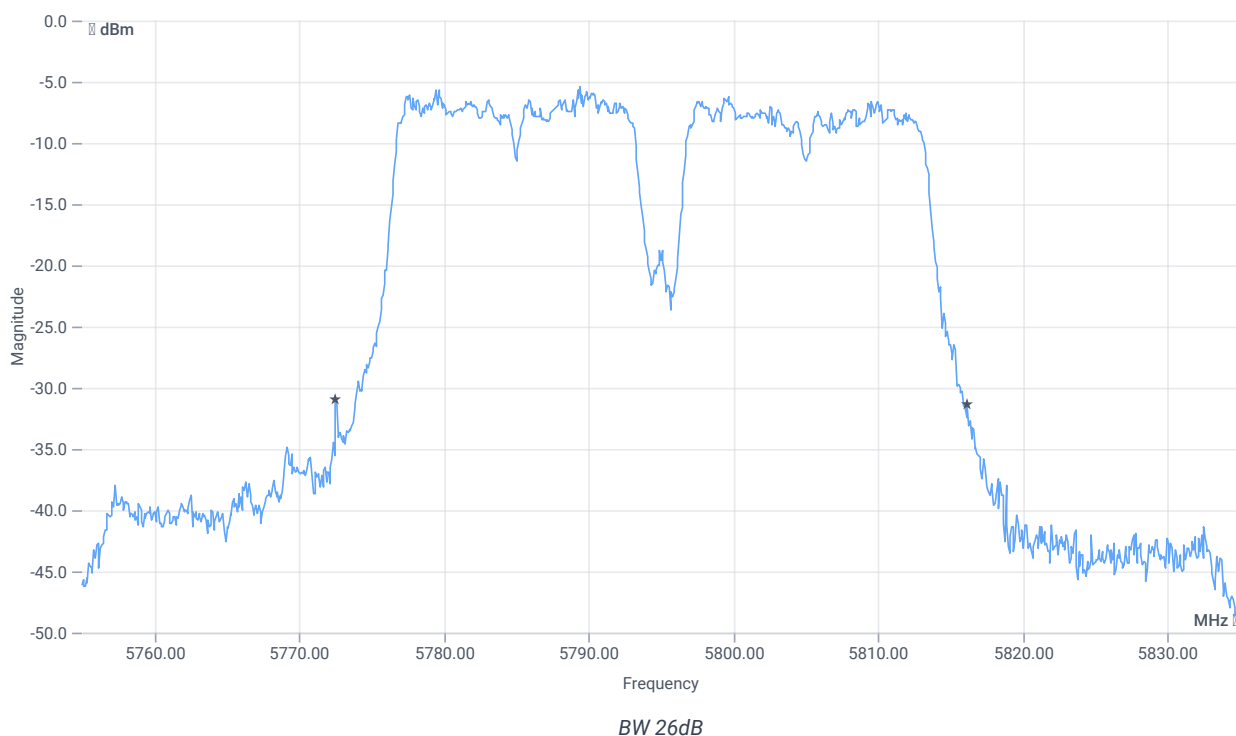
Evaluation max. duty cycle

DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 262					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.4	---	INFO
Duty cycle min	---	---	3.979	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.3	ms	INFO



Evaluation bandwidth



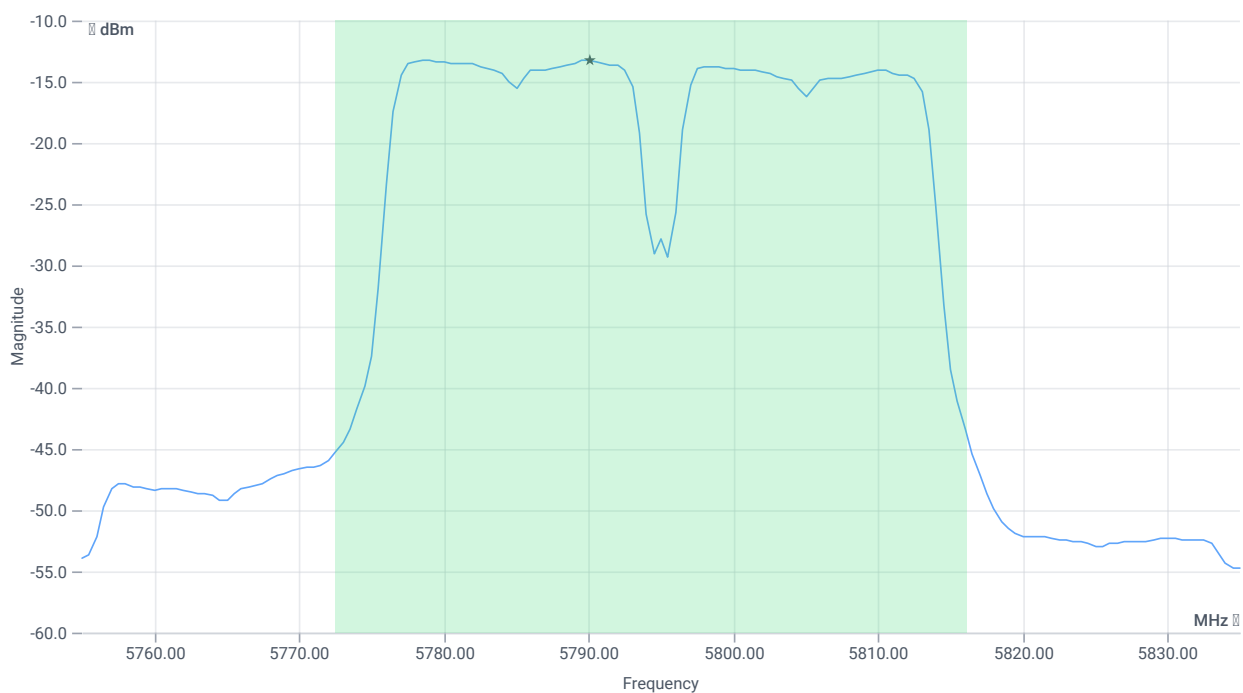
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	43.68	MHz	INFO
T1 26dB	---	---	5772.5200	MHz	INFO
T2 26dB	---	---	5816.2000	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.33 10.37 15
Start [MHz] Stop [MHz]	5755.000 5835.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



Max OP and PSD

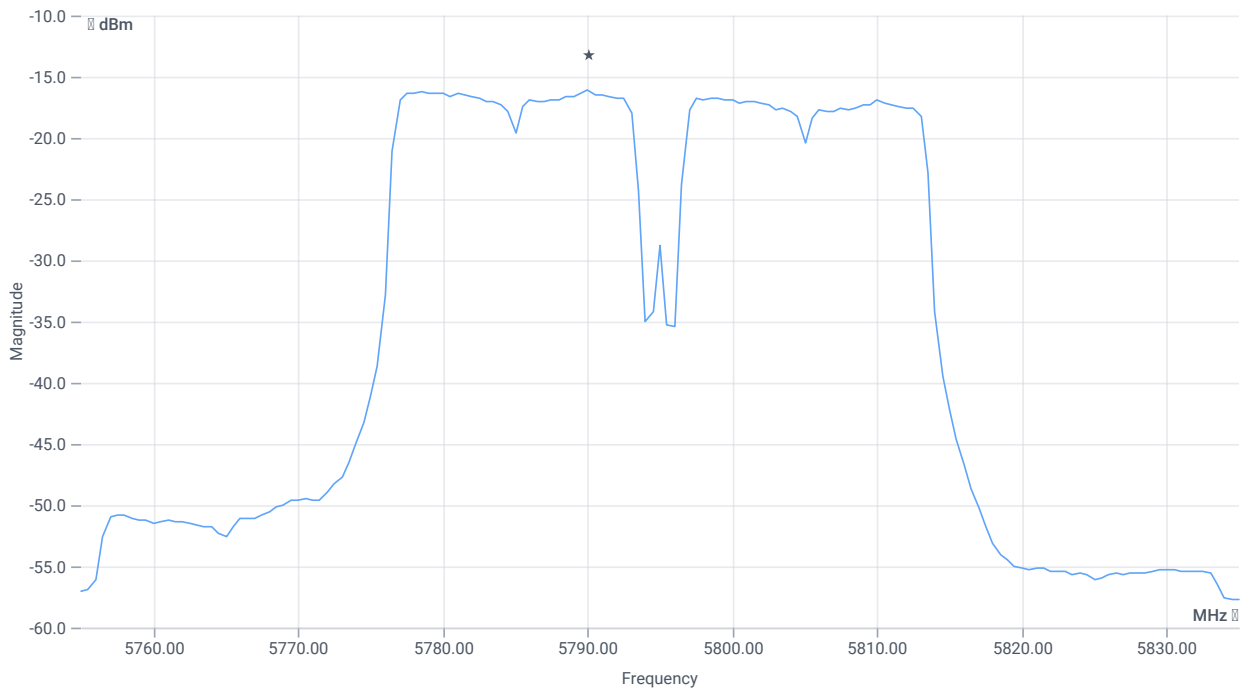
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	0.88	dBm	INFO
Duty cycle correction	---	---	3.98	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	4.86	dBm	PASS
Limit: 11 dBm + 10 log 43.68					
Max output power DC corrected	---	27.4	4.86	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.33 10.37 15
Start [MHz] Stop [MHz]	5755.000 5835.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-16.1	dBm/0.5MHz	INFO
Duty cycle correction	---	---	3.98	dB	INFO
Power spectral density DC corrected	---	30	-12.12	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 17:57:17
Ambit temp [°C] humidity [rel%]	26.8 34
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5755 MHz

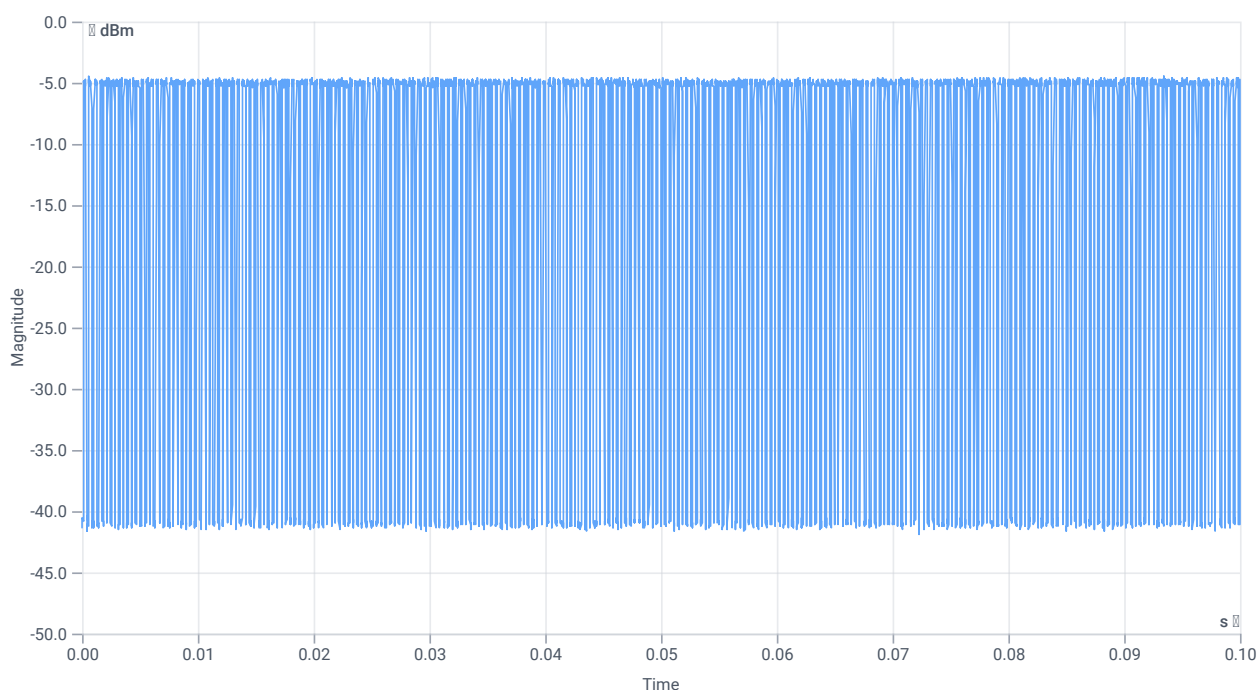
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-3.58	dBm	INFO
Ref. frequency	---	---	5739.420	MHz	INFO

Evaluation max. duty cycle

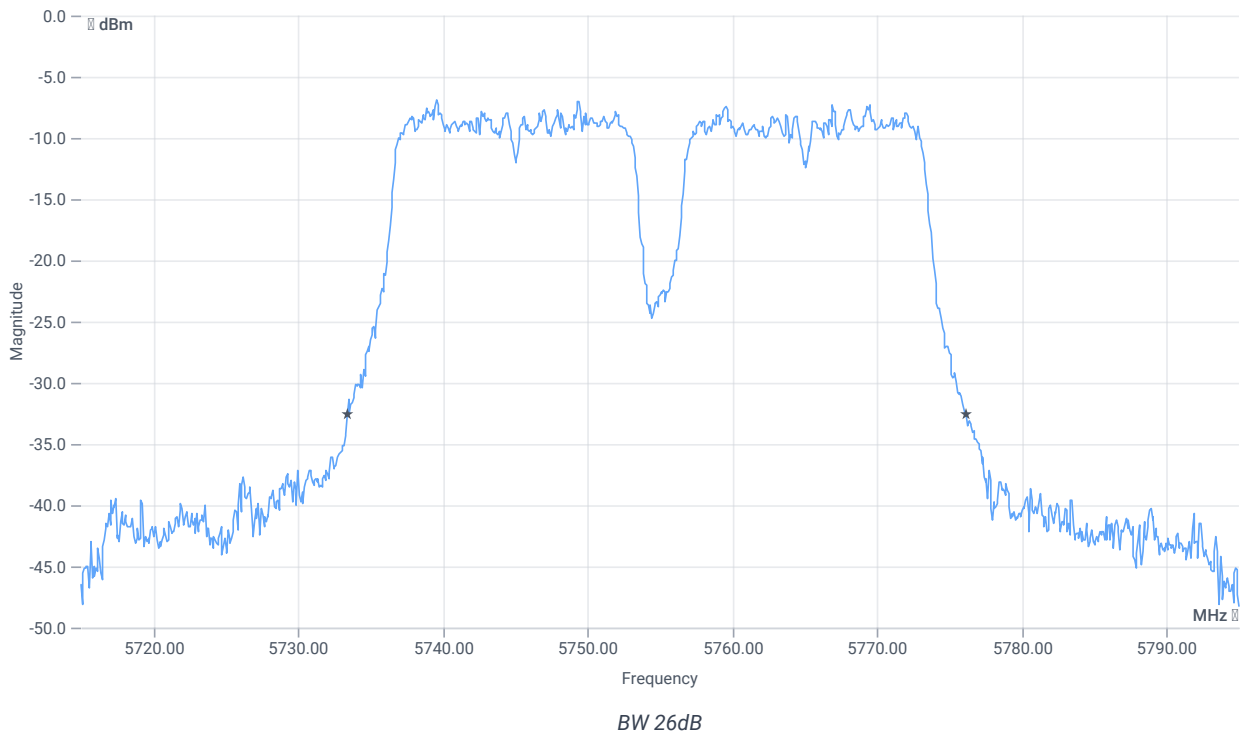
DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 255					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.381	---	INFO
Duty cycle min	---	---	4.191	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.325	ms	INFO



Duty cycle

Evaluation bandwidth



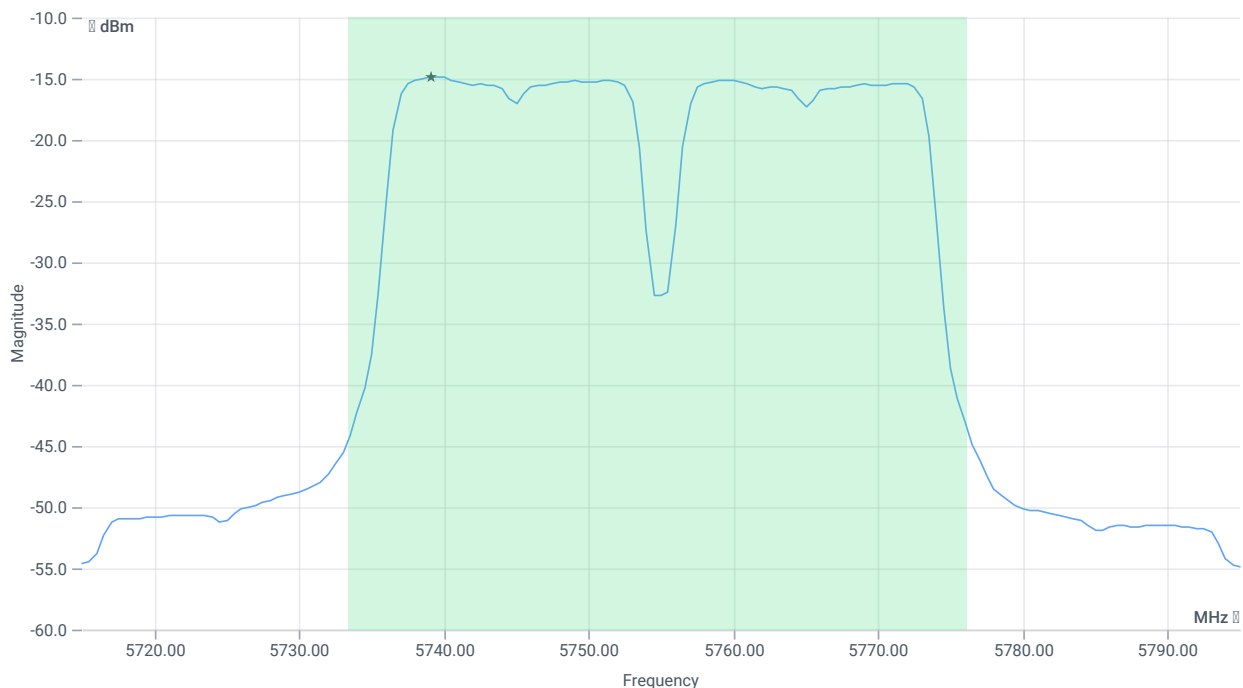
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42.8	MHz	INFO
T1 26dB	---	---	5733.4000	MHz	INFO
T2 26dB	---	---	5776.2000	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.42 10.41 15
Start [MHz] Stop [MHz]	5715.000 5795.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



Max OP and PSD

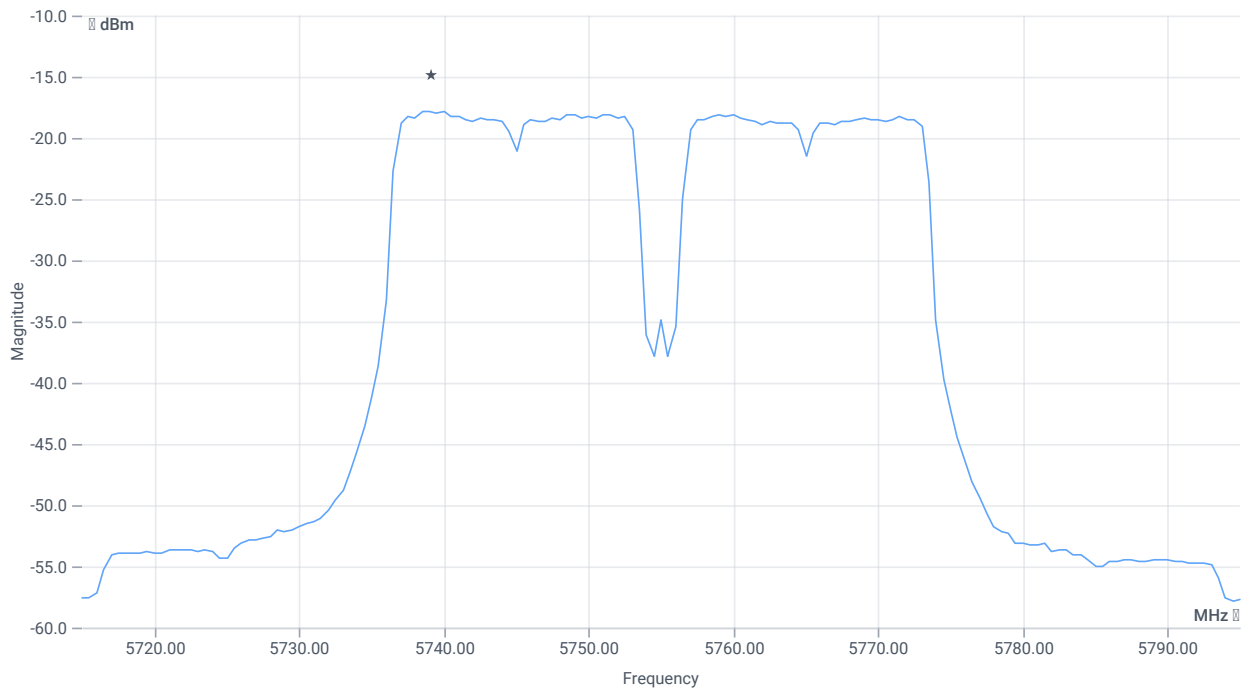
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	-0.59	dBm	INFO
Duty cycle correction	---	---	4.19	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	3.6	dBm	PASS
Limit: 11 dBm + 10 log 42.8					
Max output power DC corrected	---	27.31	3.6	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.42 10.41 15
Start [MHz] Stop [MHz]	5715.000 5795.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



PSD UNII-3

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-17.86	dBm/0.5MHz	INFO
Duty cycle correction	---	---	4.19	dB	INFO
Power spectral density DC corrected	---	30	-13.67	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-3

References

TC start	26.01.2024 17:50:19
Ambit temp [°C] humidity [rel%]	26.8 35
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 5755 MHz

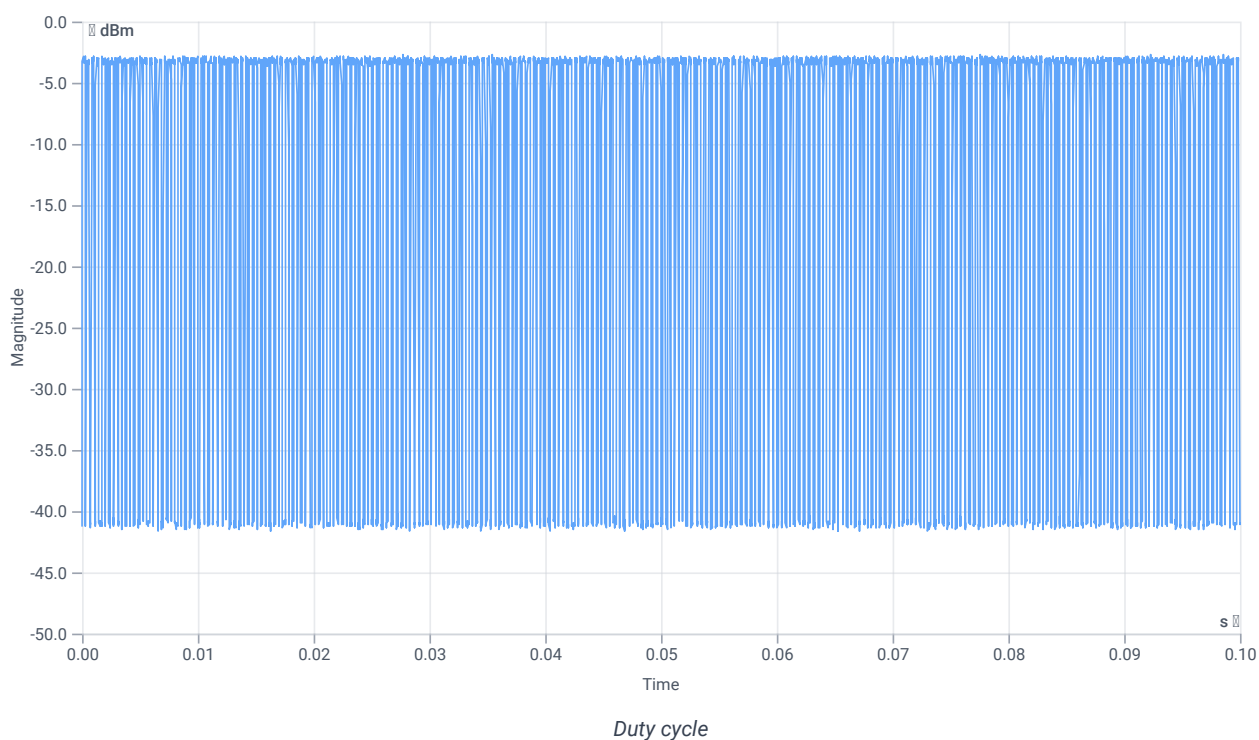
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-2.67	dBm	INFO
Ref. frequency	---	---	5750.000	MHz	INFO

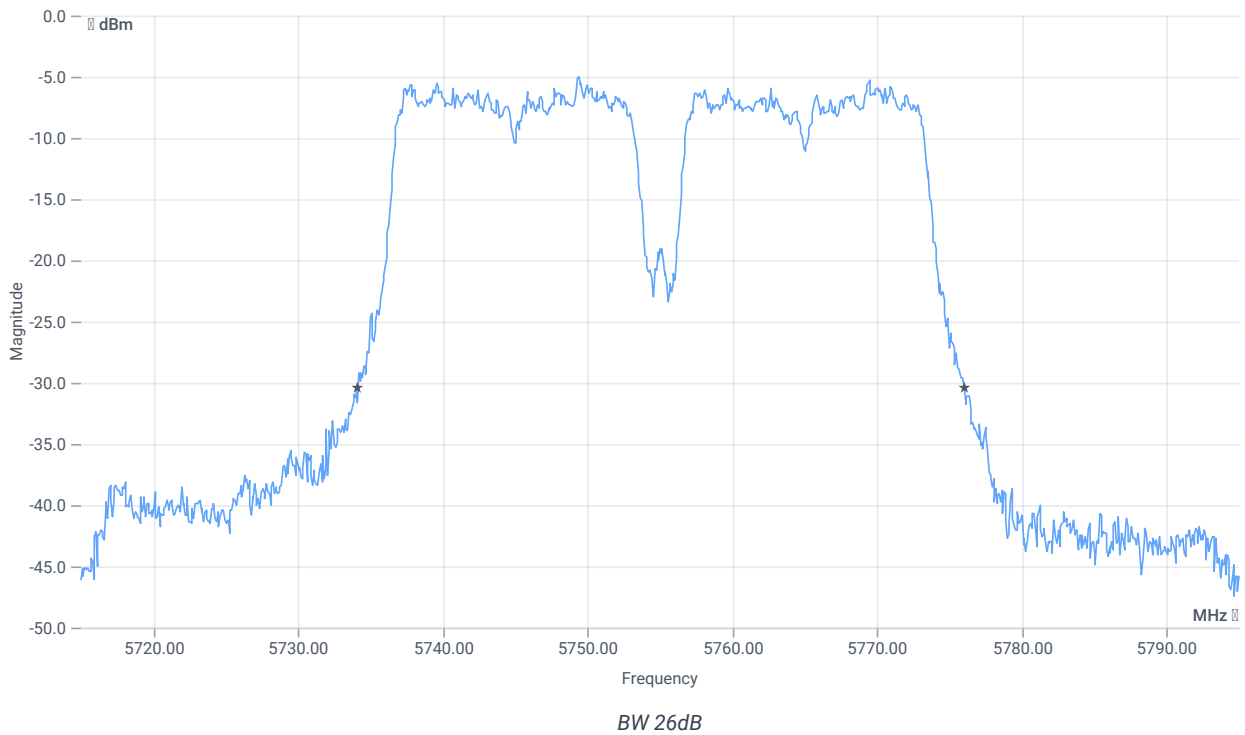
Evaluation max. duty cycle

DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 255					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.409	---	INFO
Duty cycle min	---	---	3.883	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.325	ms	INFO



Evaluation bandwidth



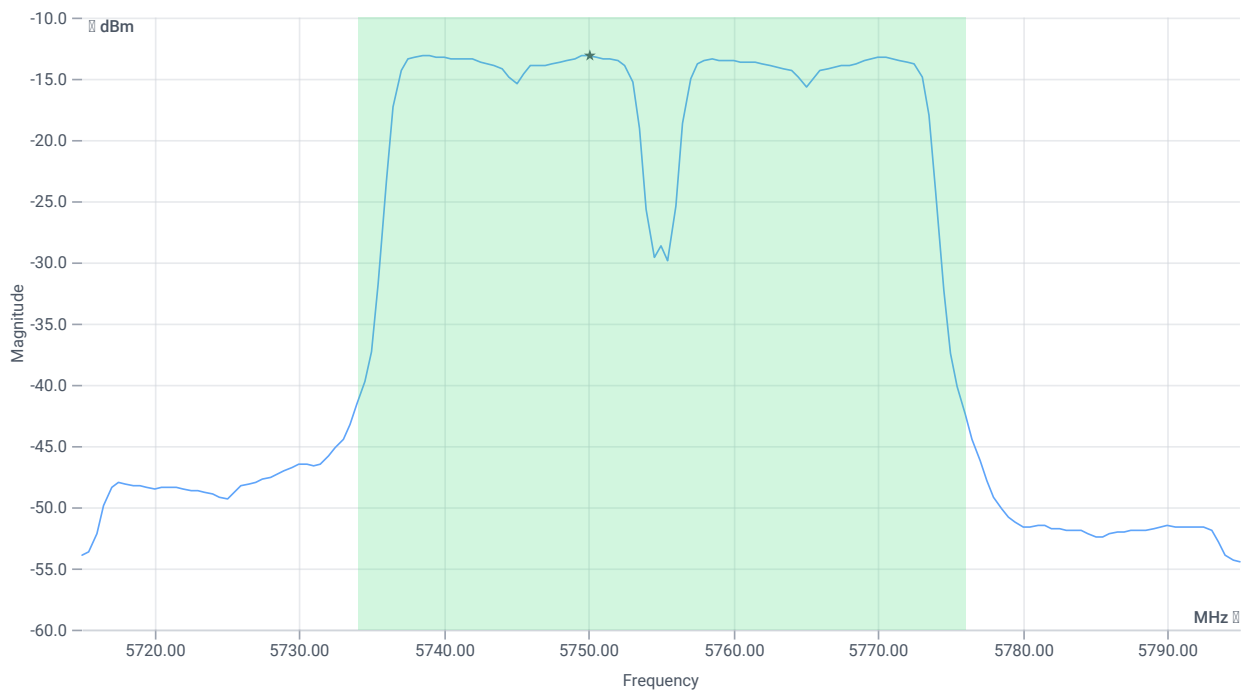
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	42	MHz	INFO
T1 26dB	---	---	5734.0400	MHz	INFO
T2 26dB	---	---	5776.0400	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.33 10.39 15
Start [MHz] Stop [MHz]	5715.000 5795.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



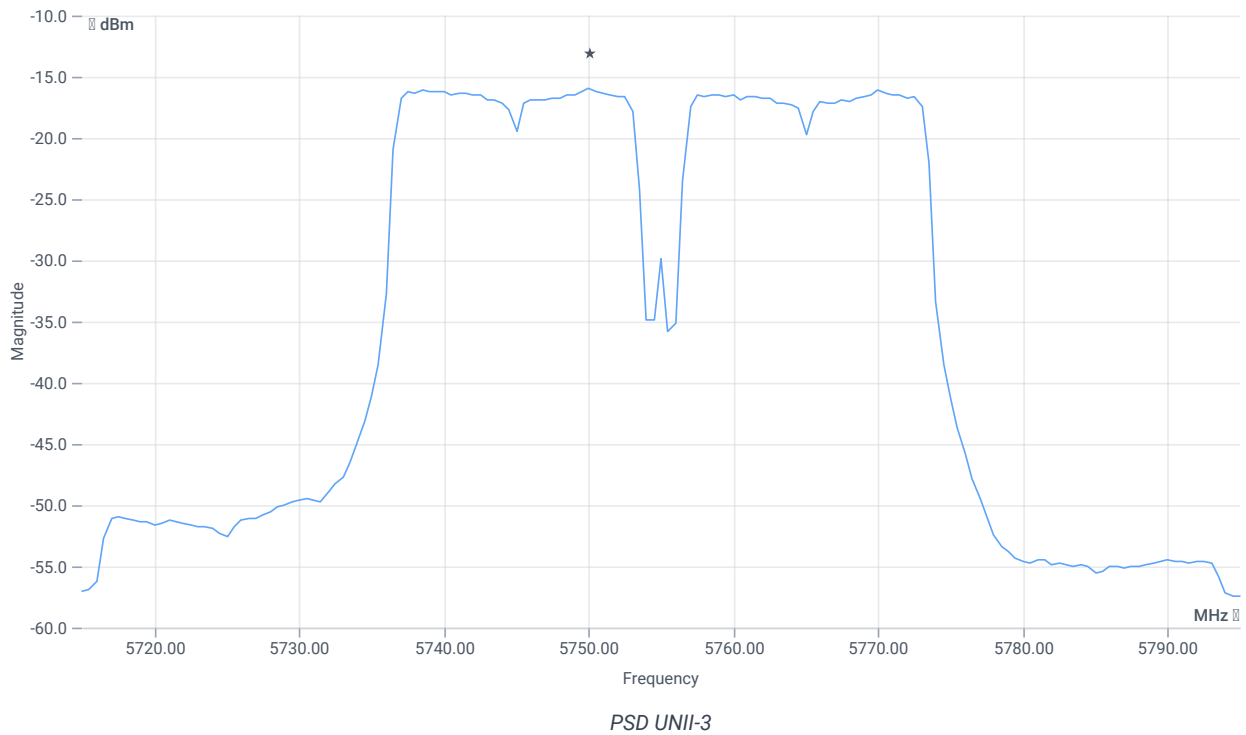
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	1.23	dBm	INFO
Duty cycle correction	---	---	3.88	dB	INFO
Limit absolute					
Max output power DC corrected	---	30	5.11	dBm	PASS
Limit: 11 dBm + 10 log 42					
Max output power DC corrected	---	27.23	5.11	dBm	na

Power Spectral Density U-NII-3

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.33 10.39 15
Start [MHz] Stop [MHz]	5715.000 5795.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-15.95	dBm/0.5MHz	INFO
Duty cycle correction	---	---	3.88	dB	INFO
Power spectral density DC corrected	---	30	-12.07	dBm/0.5MHz	PASS

Verdict

PASS

FCC 15.407 # Max output power and psd ~ WLAN5Gx n-HT40 mode U-NII-1

References

TC start	26.01.2024 17:44:30
Ambit temp [°C] humidity [rel%]	26.8 36
System version	5.0.1.0
Standard Version	FCC 15.407 NI
Method	KDB789033 D02, F., E.2.e.
Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-1
Information	

EUT Common Settings WLAN5Gx

Number of antenna ports	1
User Interaction	No
Device class UNIL_1	Client
Limit W52 japan	Standard

Equipment

Signal analyzer,Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60
Signaling unit,Rohde&Schwarz,CMW,1201.0002k75/102550,4.0.190
Switch matrix,cetecom advanced GmbH,USM,A001,1.0.0

Test Parameter

Technology to test	WLAN5Gx n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.5
Full path type	EUT_SA_GEN_SIG
Full path name	EUT2.SIG1/EUT2.SA/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00000000:00000001

Test at TX 5230 MHz

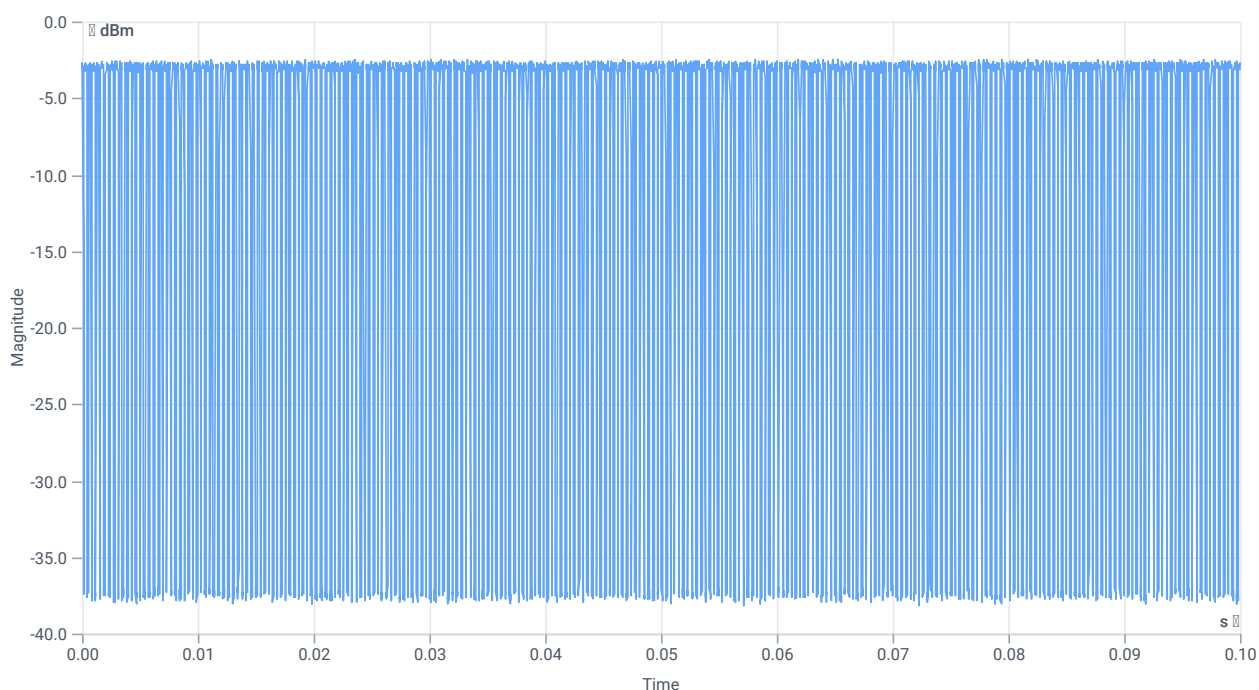
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	-1.90	dBm	INFO
Ref. frequency	---	---	5247.180	MHz	INFO

Evaluation max. duty cycle

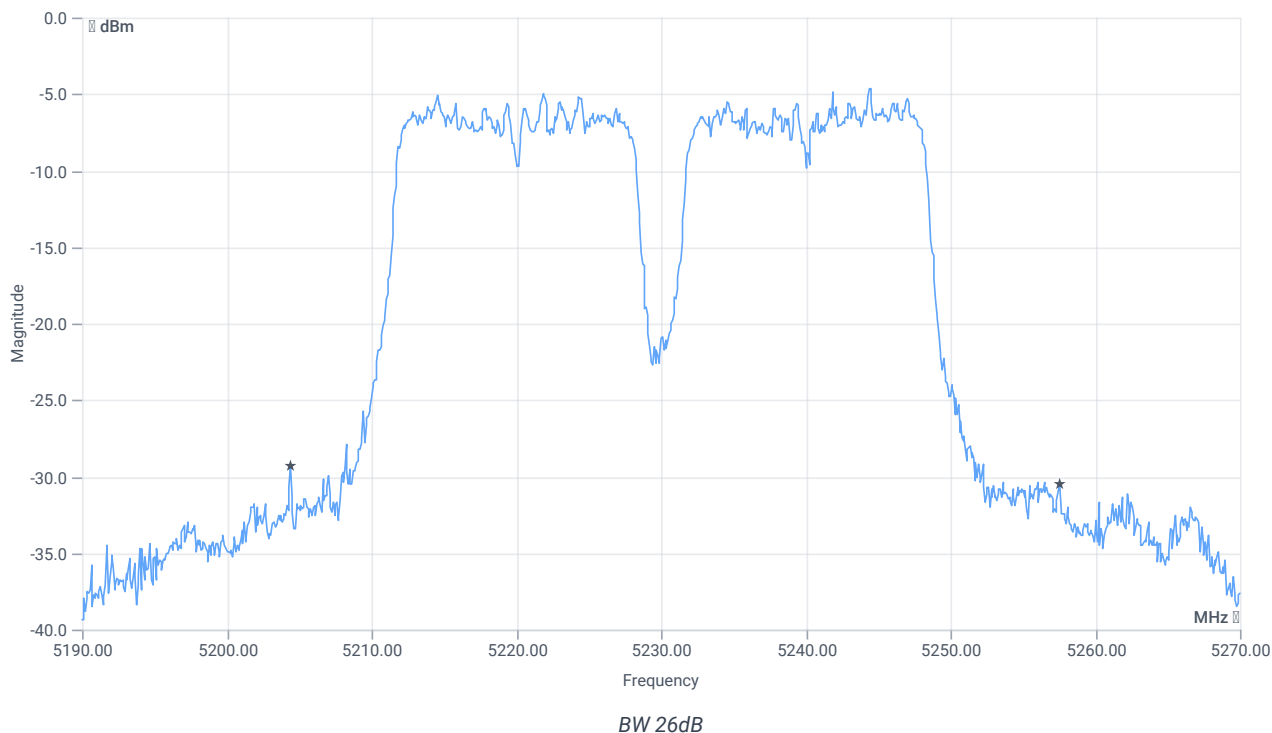
DUTY CYCLE EVALUATION

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Result summary					
Number of detected bursts: 263					
Duty cycle (burst Ratio) max	---	---	0.643	---	INFO
Duty cycle max	---	---	1.918	dB	INFO
Duty cycle (burst Ratio) min	---	---	0.471	---	INFO
Duty cycle min	---	---	3.27	dB	INFO
Max TX burst length	---	---	0.225	ms	INFO
Min gap length	---	---	0.125	ms	INFO
Max gap length	---	---	0.225	ms	INFO



Duty cycle

Evaluation bandwidth



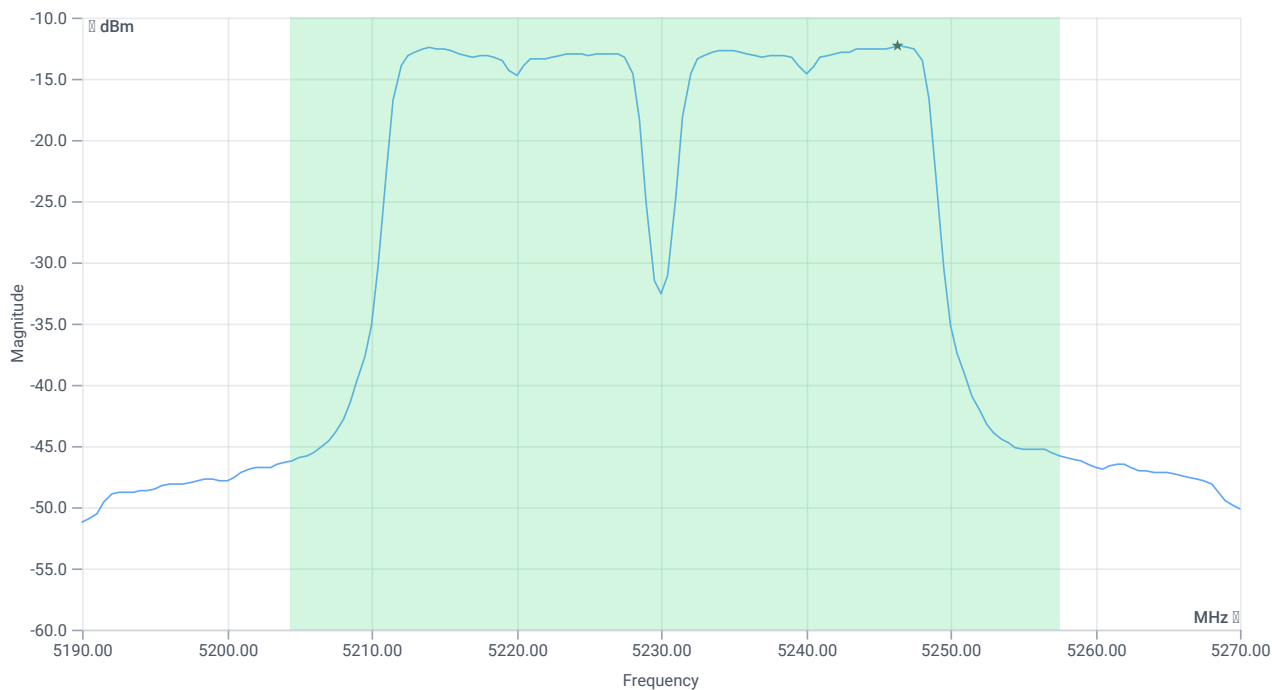
RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Bandwidth 26dB	---	---	53.12	MHz	INFO
T1 26dB	---	---	5204.4000	MHz	INFO
T2 26dB	---	---	5257.5200	MHz	INFO

Maximum Output Power

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.10 9.97 15
Start [MHz] Stop [MHz]	5190.000 5270.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	53700 1 161 SWE



Max OP and PSD

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Max output power	---	---	1.92	dBm	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Limit absolute					
Max output power DC corrected	---	24	5.19	dBm	PASS
Limit: 11 dBm + 10 log 53.12					
Max output power DC corrected	---	28.25	5.19	dBm	na

Power spectral density

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Power spectral density	---	---	-12.33	dBm/1MHz	INFO
Duty cycle correction	---	---	3.27	dB	INFO
Power spectral density DC corrected	---	11	-9.06	dBm/1MHz	PASS

Verdict

PASS