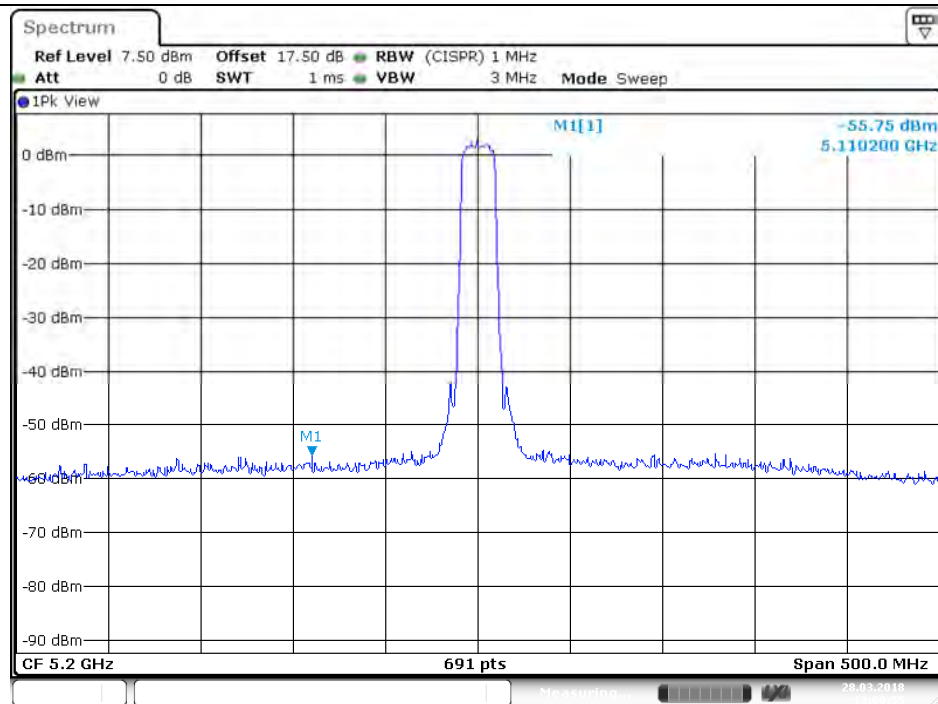
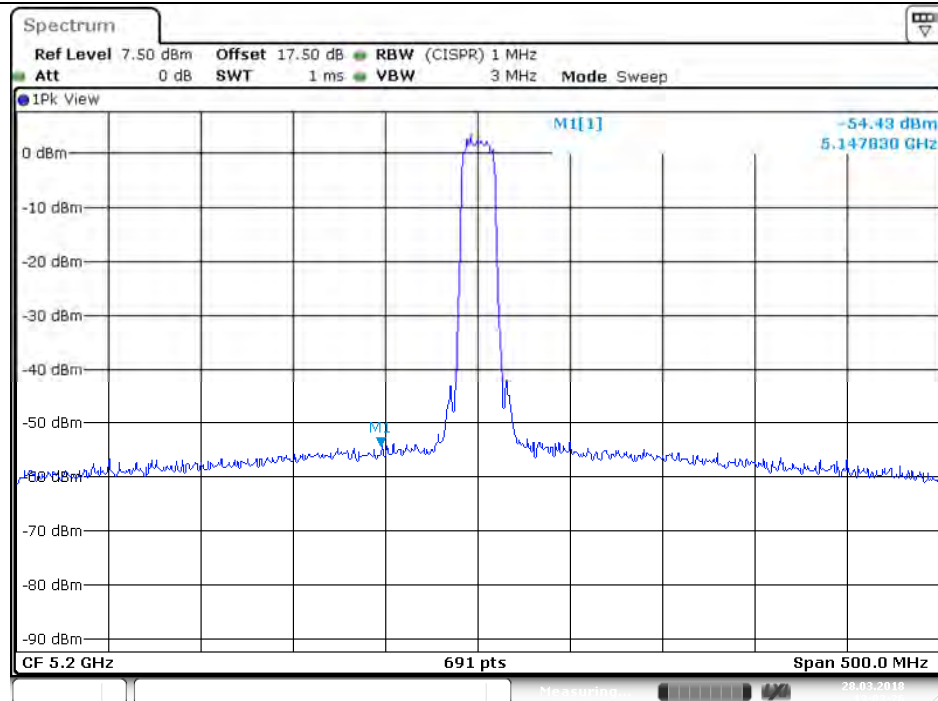


Plot on Configuration VHT20 / 5200 MHz / Peak / Port 1 (TX1)



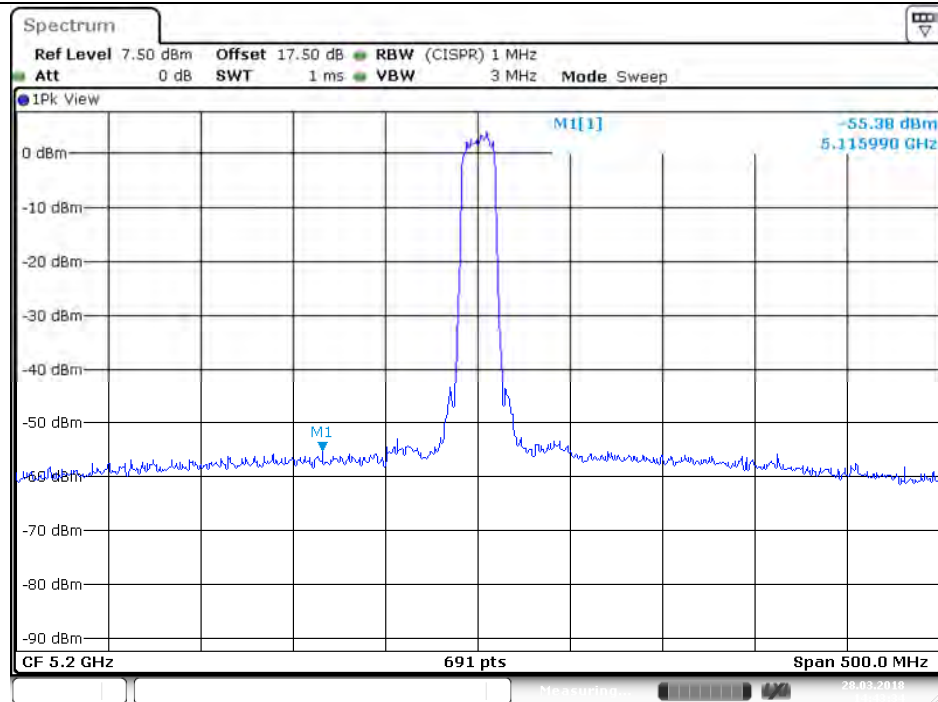
Date: 28.MAR.2018 13:00:56

Plot on Configuration VHT20 / 5200 MHz / Peak / Port 2 (TX2)

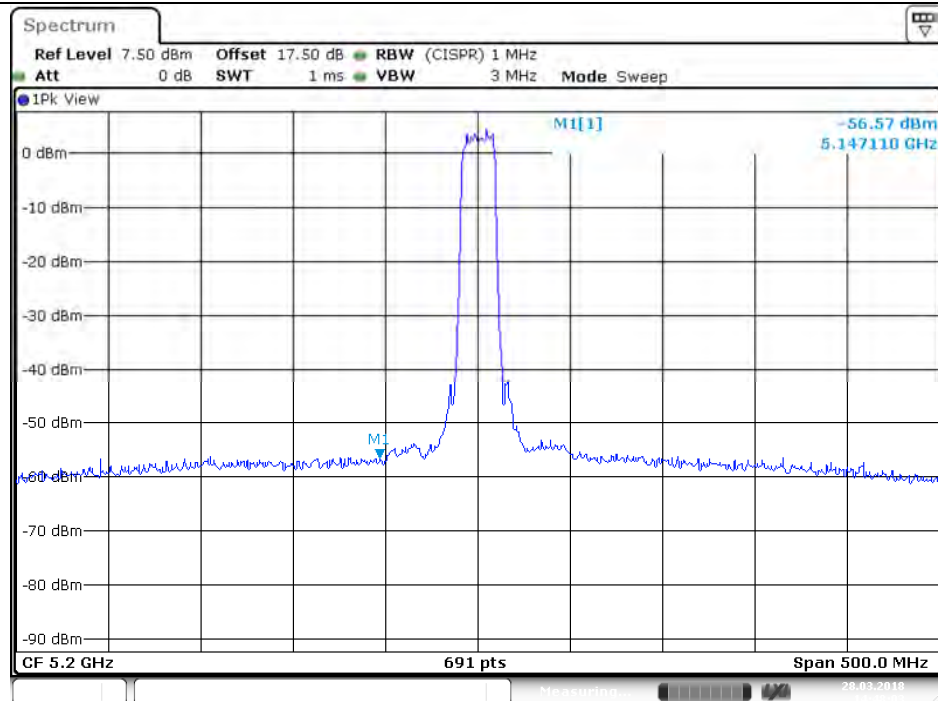


Date: 28.MAR.2018 13:03:27

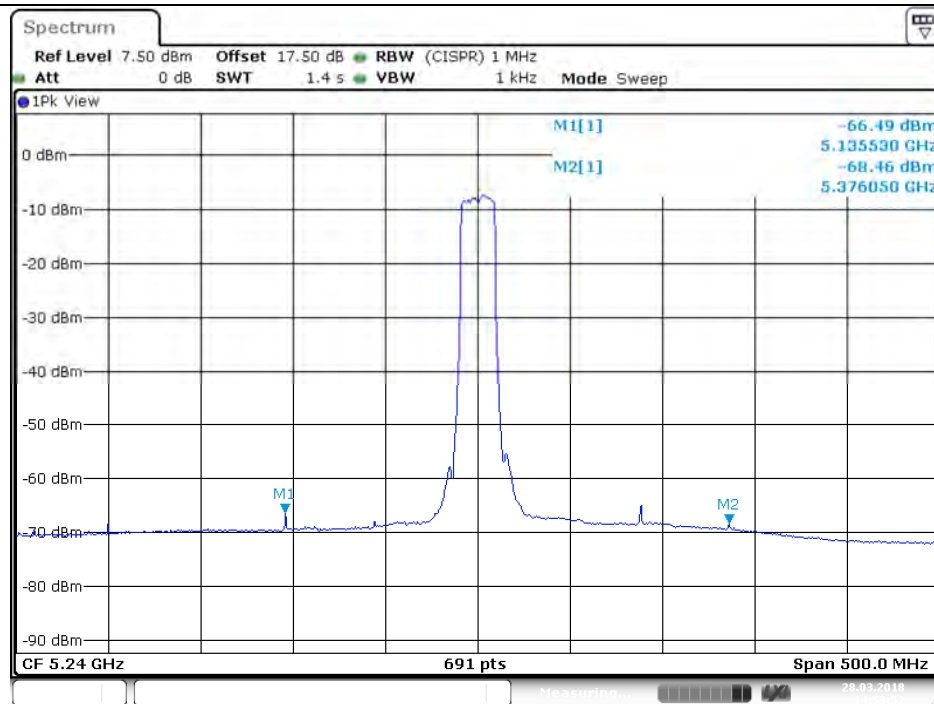
Plot on Configuration VHT20 / 5200 MHz / Peak / Port 3 (TX3)



Plot on Configuration VHT20 / 5200 MHz / Peak / Port 4 (TX4)

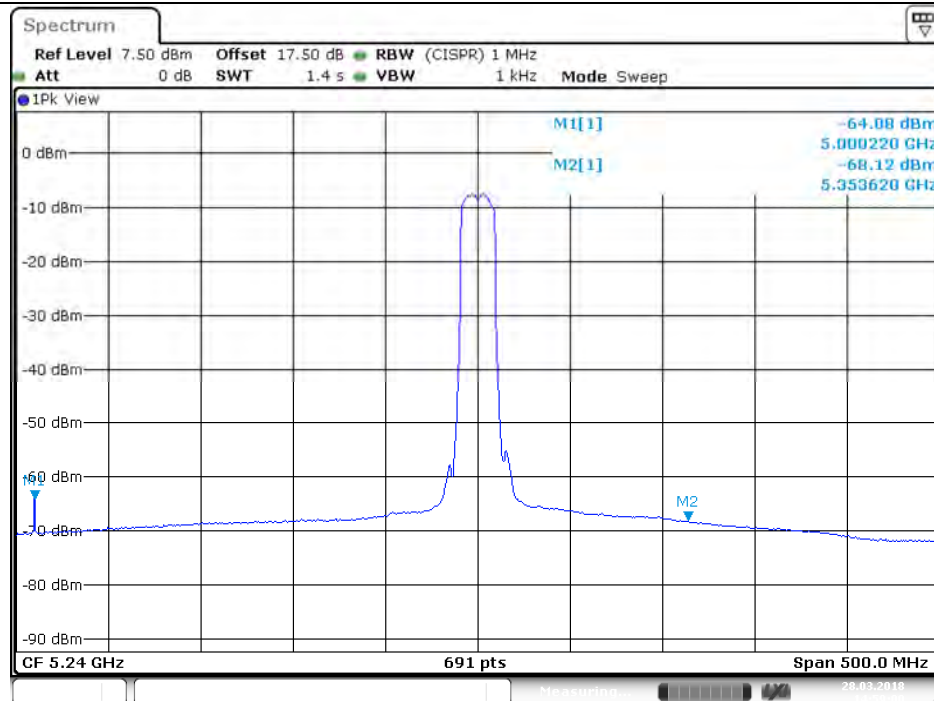


Plot on Configuration VHT20 / 5240 MHz / Average / Port 1 (TX1)



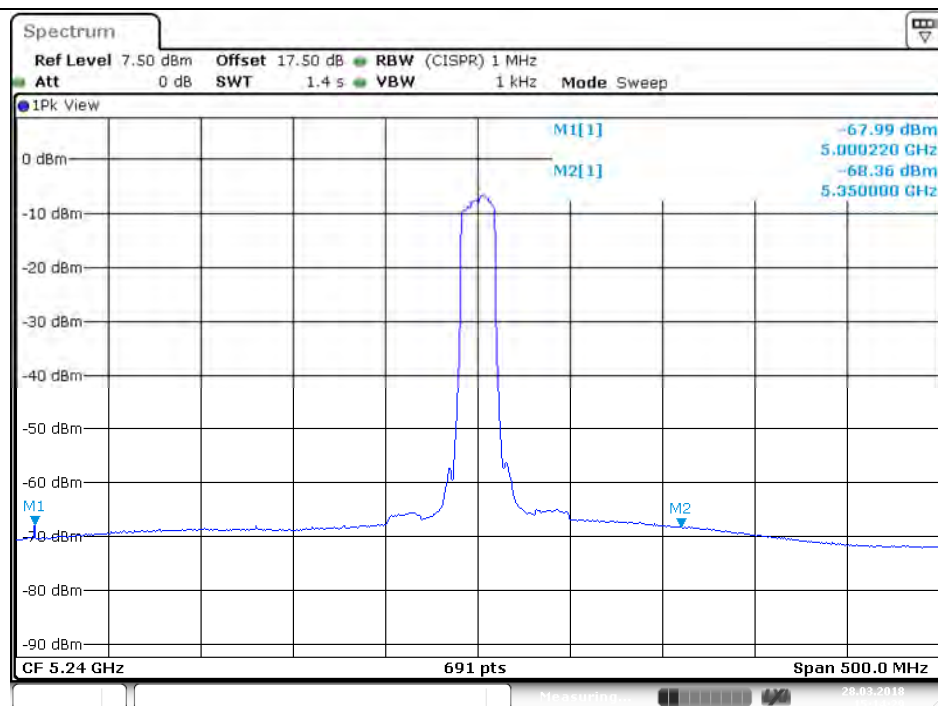
Date: 28.MAR.2018 14:53:52

Plot on Configuration VHT20 / 5240 MHz / Average / Port 2 (TX2)



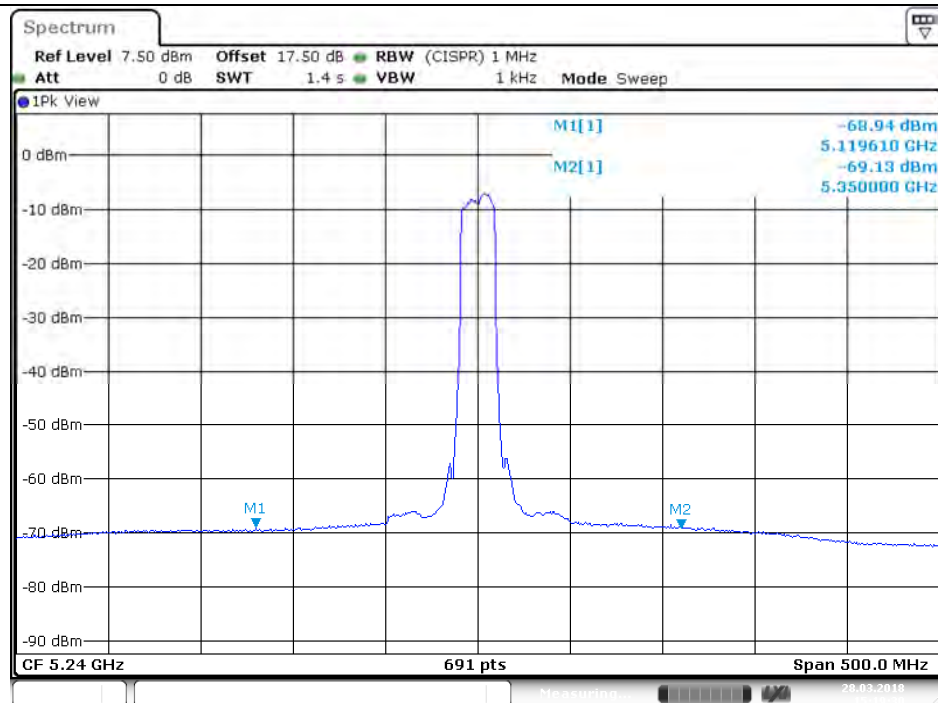
Date: 28.MAR.2018 14:59:01

Plot on Configuration VHT20 / 5240 MHz / Average / Port 3 (TX3)



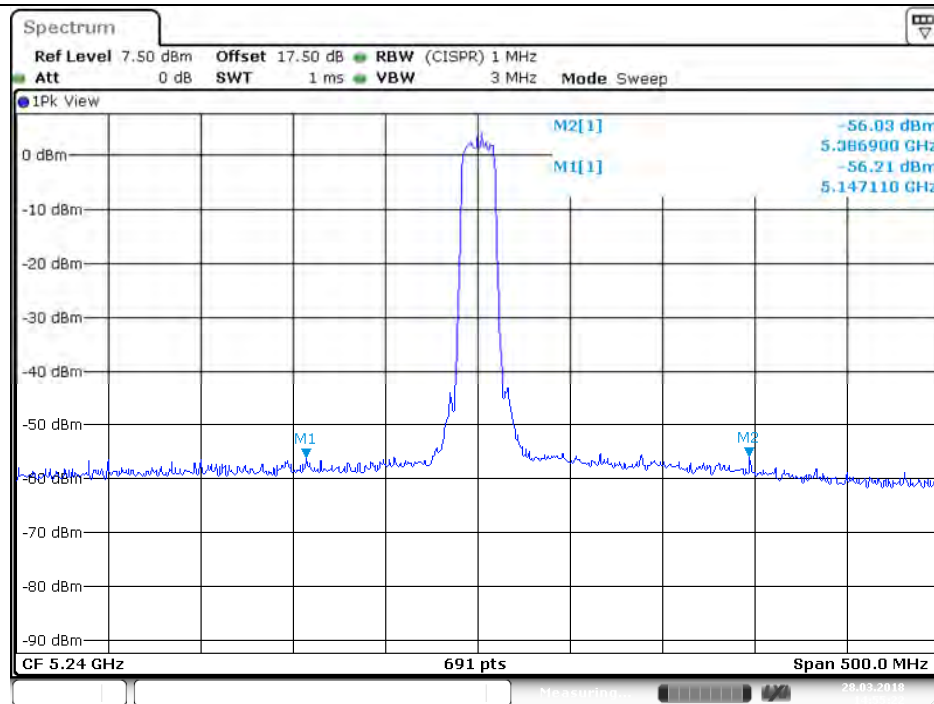
Date: 28.MAR.2018 15:14:30

Plot on Configuration VHT20 / 5240 MHz / Average / Port 4 (TX4)



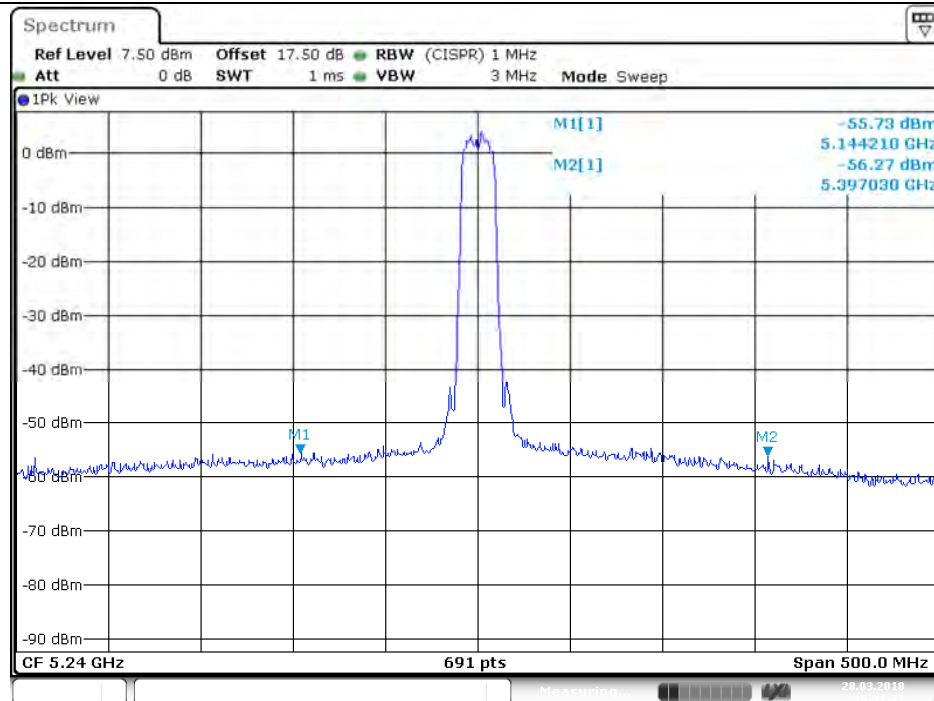
Date: 28.MAR.2018 15:19:31

Plot on Configuration VHT20 / 5240 MHz / Peak / Port 1 (TX1)



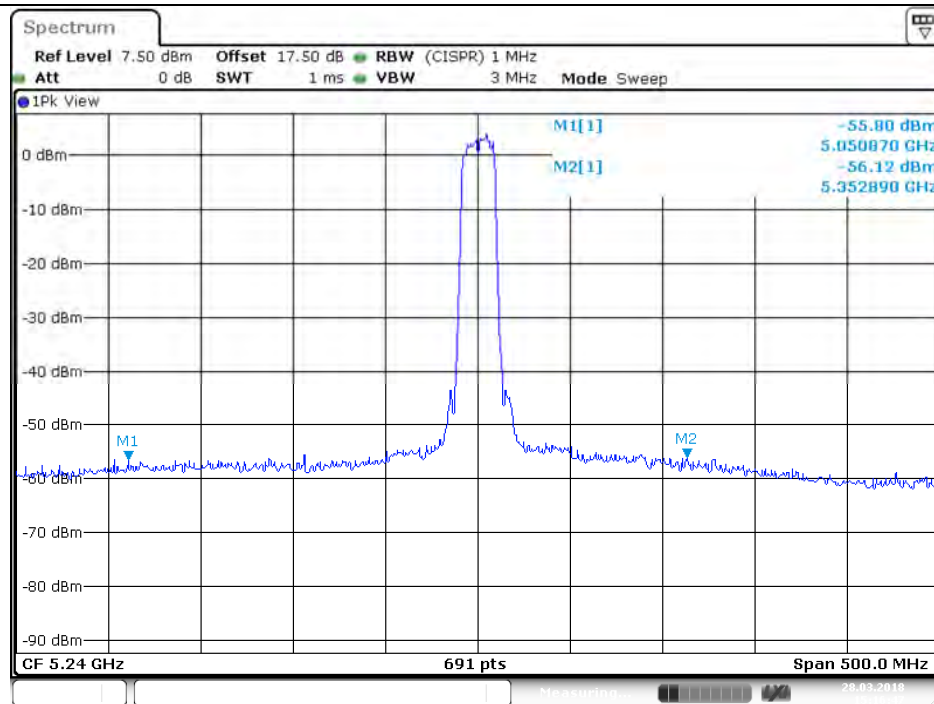
Date: 28.MAR.2018 14:55:22

Plot on Configuration VHT20 / 5240 MHz / Peak / Port 2 (TX2)



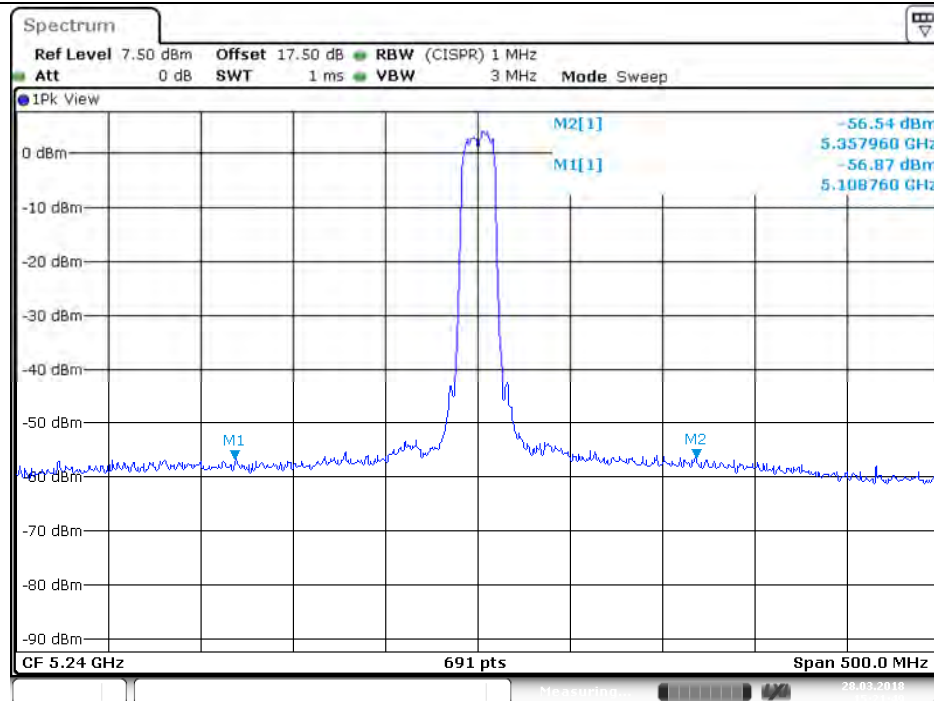
Date: 28.MAR.2018 15:01:22

Plot on Configuration VHT20 / 5240 MHz / Peak / Port 3 (TX3)



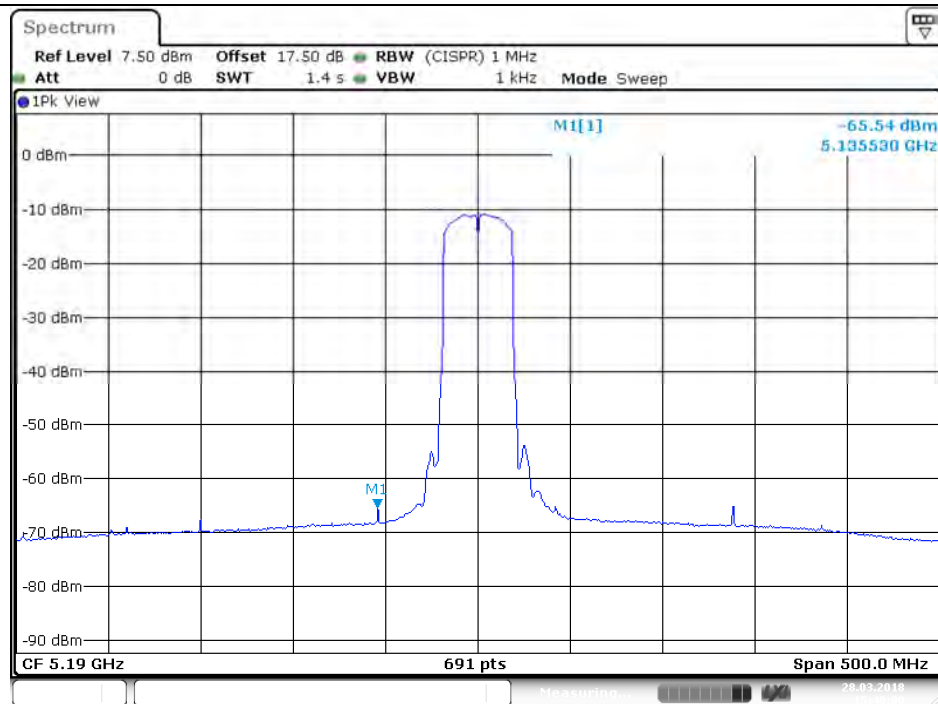
Date: 28.MAR.2018 15:16:47

Plot on Configuration VHT20 / 5240 MHz / Peak / Port 4 (TX4)



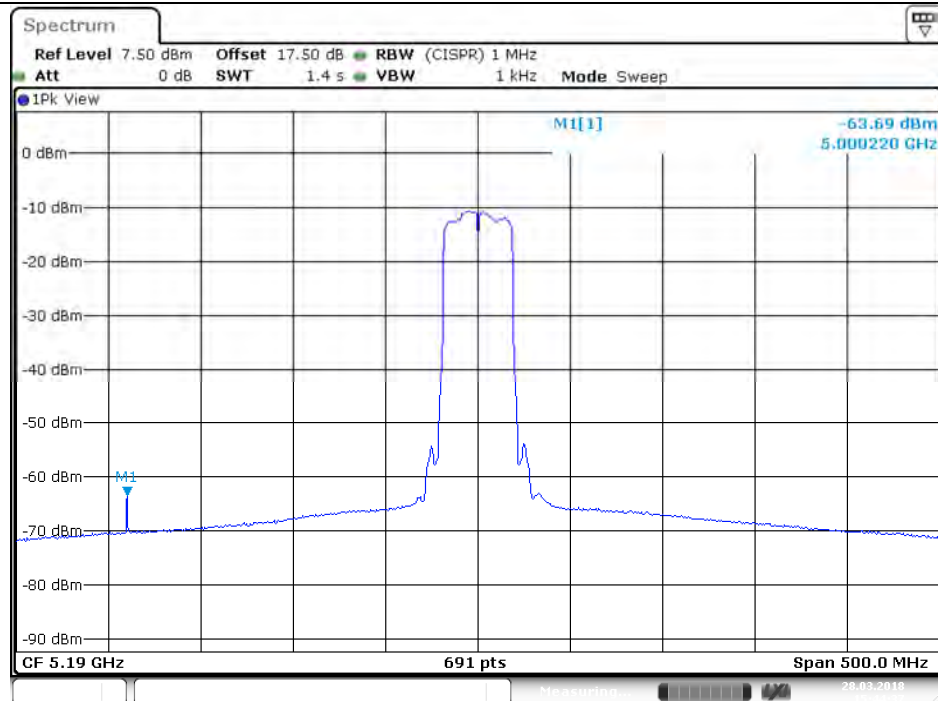
Date: 28.MAR.2018 15:21:49

Plot on Configuration VHT40 / 5190 MHz / Average / Port 1 (TX1)



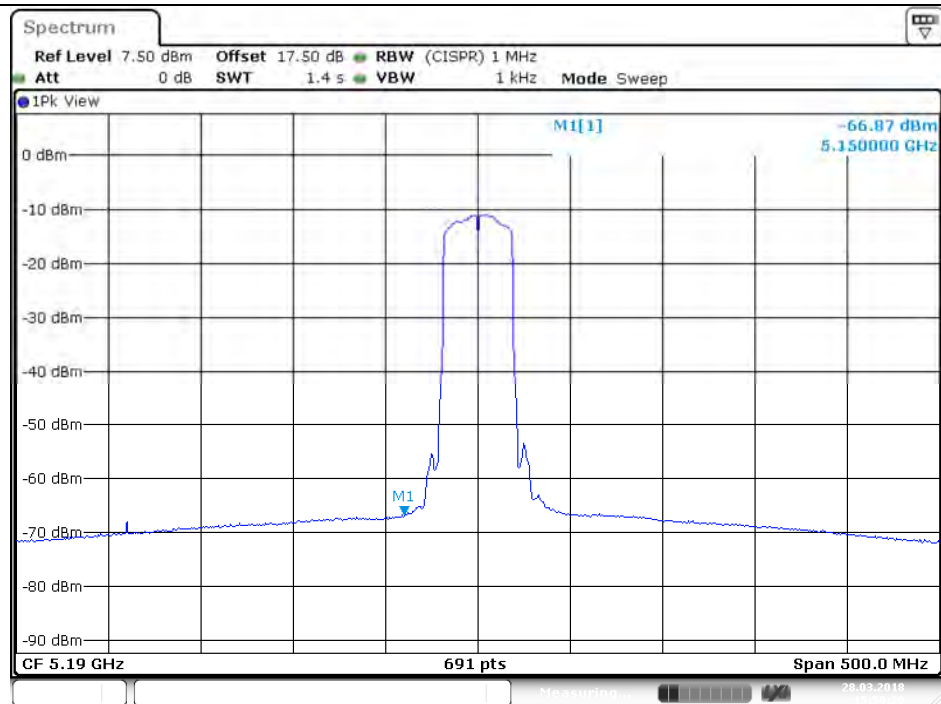
Date: 28.MAR.2018 15:40:00

Plot on Configuration VHT40 / 5190 MHz / Average / Port 2 (TX2)



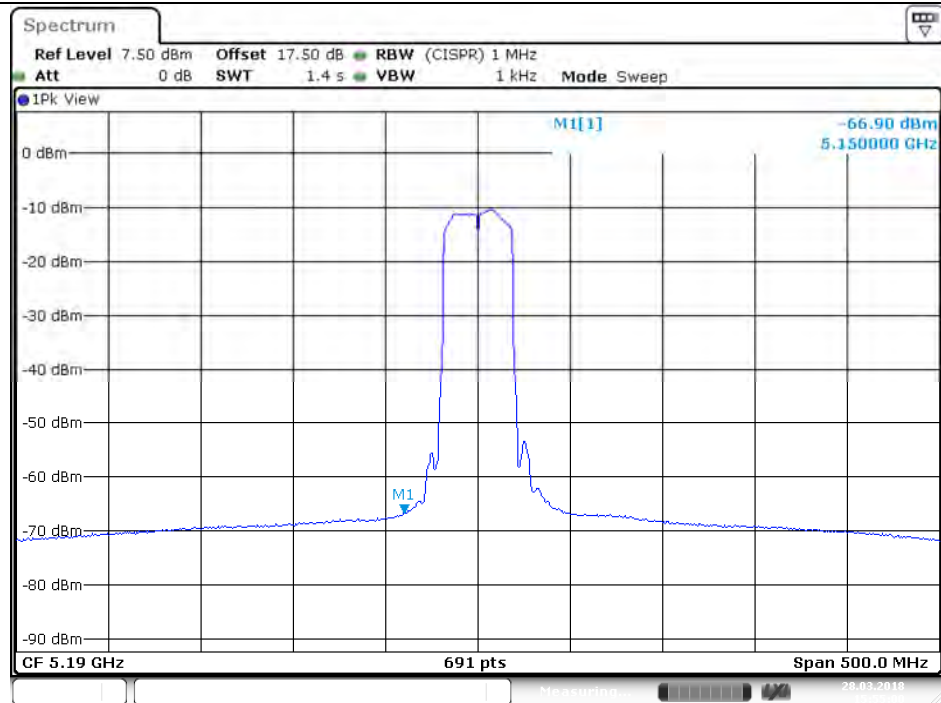
Date: 28.MAR.2018 15:44:38

Plot on Configuration VHT40 / 5190 MHz / Average / Port 3 (TX3)



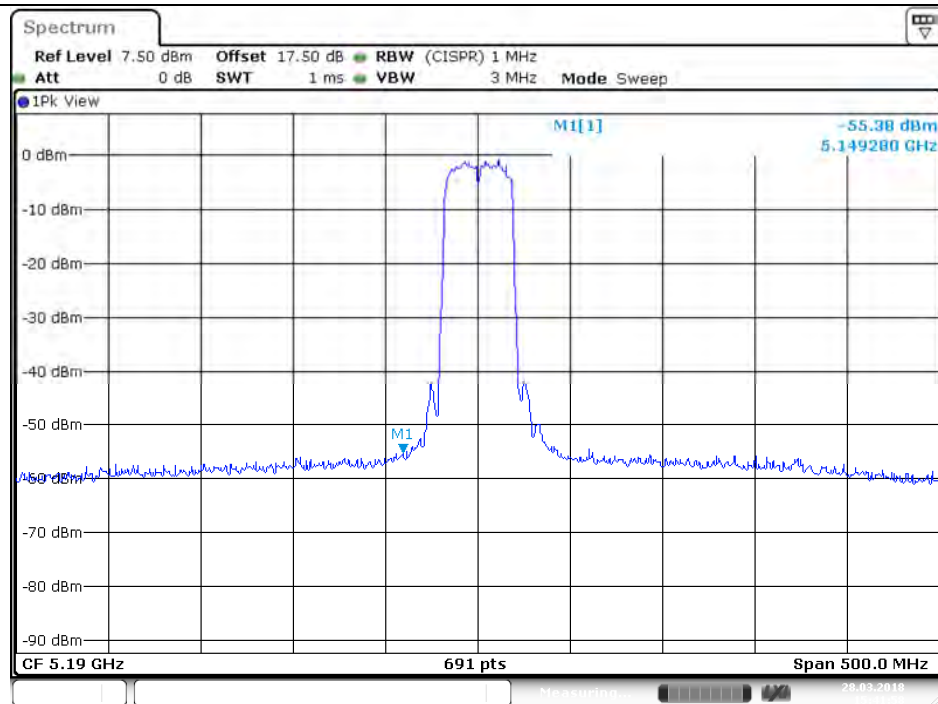
Date: 28.MAR.2018 15:50:20

Plot on Configuration VHT40 / 5190 MHz / Average / Port 4 (TX4)



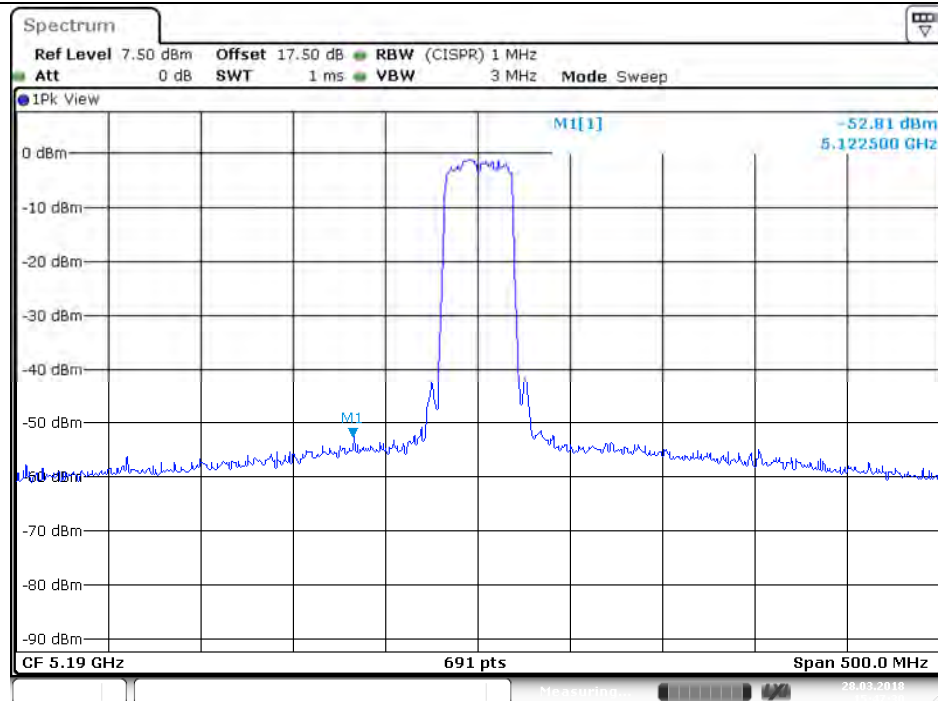
Date: 28.MAR.2018 15:55:01

Plot on Configuration VHT40 / 5190 MHz / Peak / Port 1 (TX1)



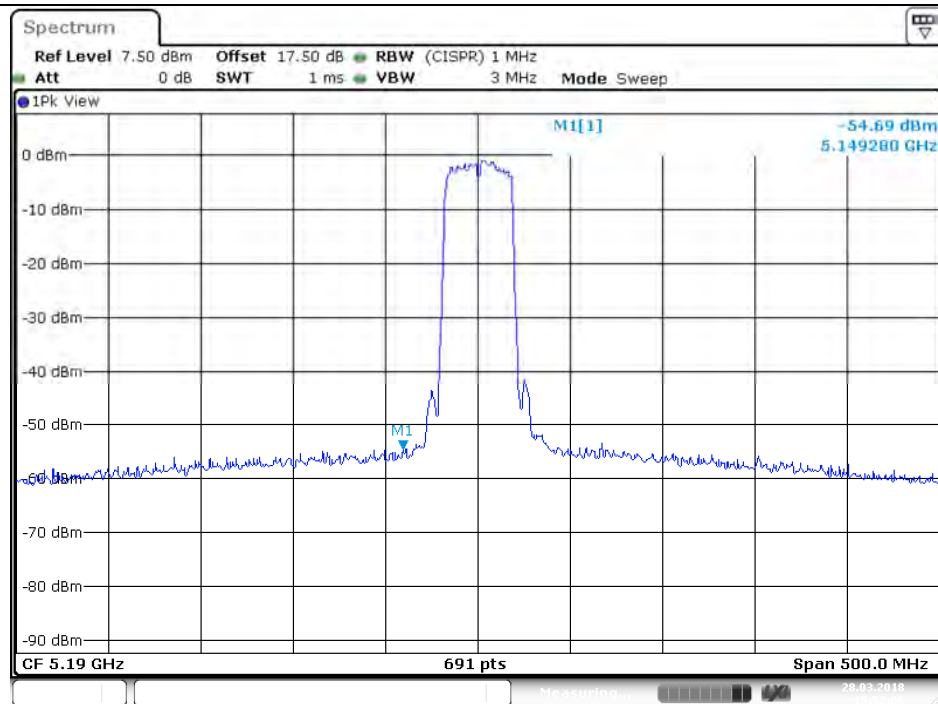
Date: 28.MAR.2018 15:41:58

Plot on Configuration VHT40 / 5190 MHz / Peak / Port 2 (TX2)



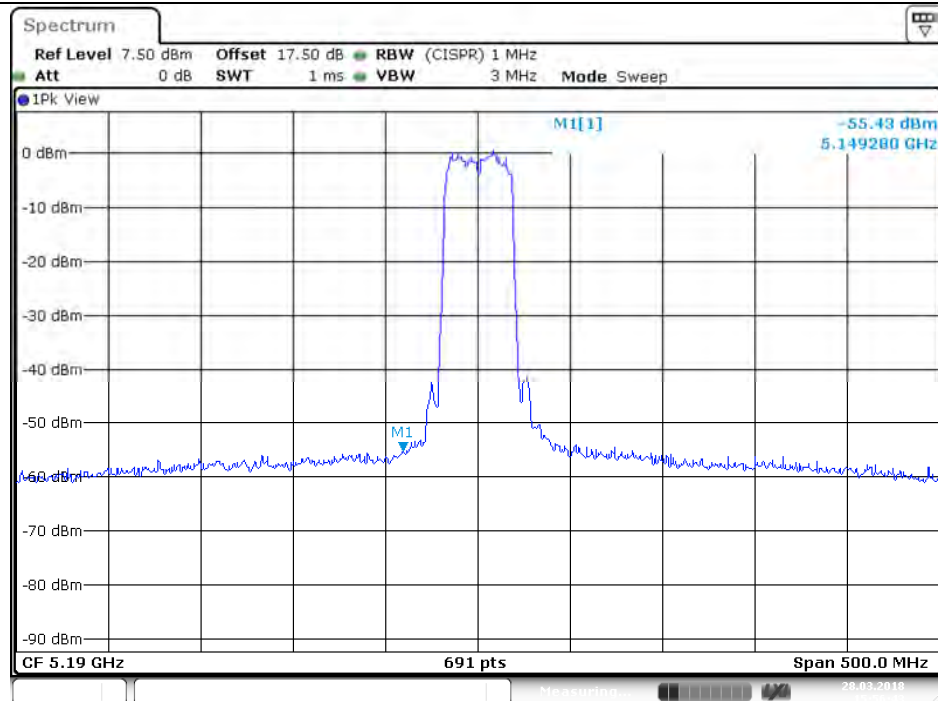
Date: 28.MAR.2018 15:47:31

Plot on Configuration VHT40 / 5190 MHz / Peak / Port 3 (TX3)



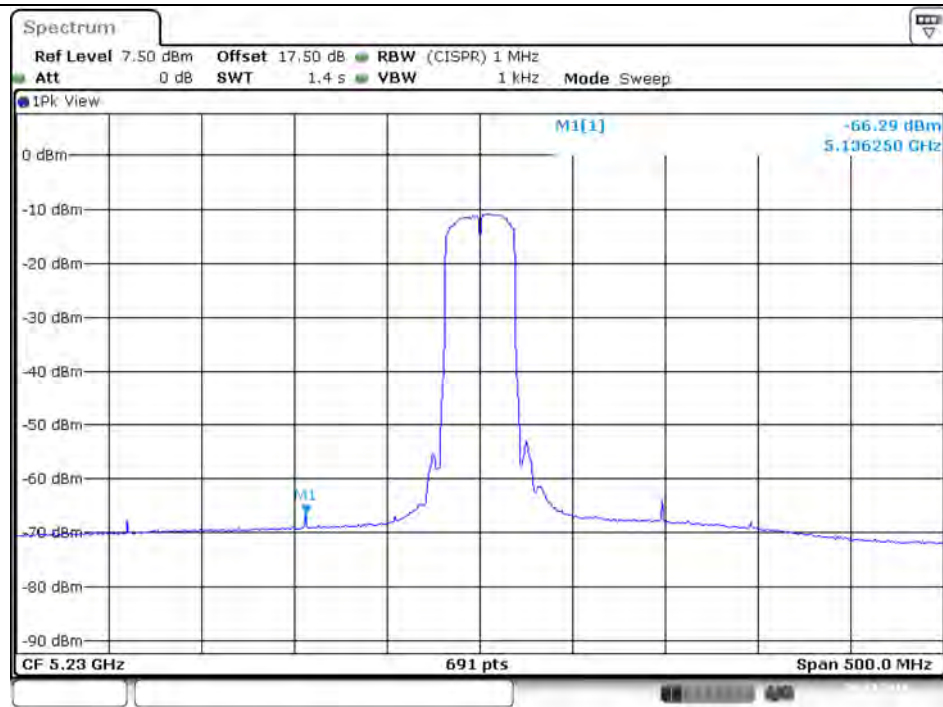
Date: 28.MAR.2018 15:52:07

Plot on Configuration VHT40 / 5190 MHz / Peak / Port 4 (TX4)



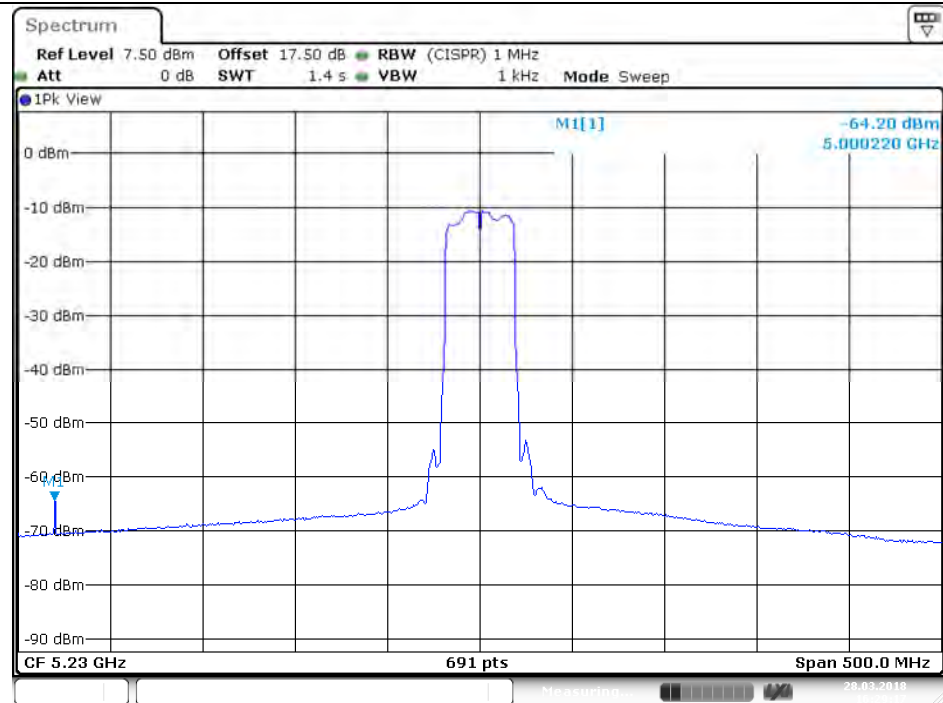
Date: 28.MAR.2018 15:56:43

Plot on Configuration VHT40 / 5230 MHz / Average / Port 1 (TX1)



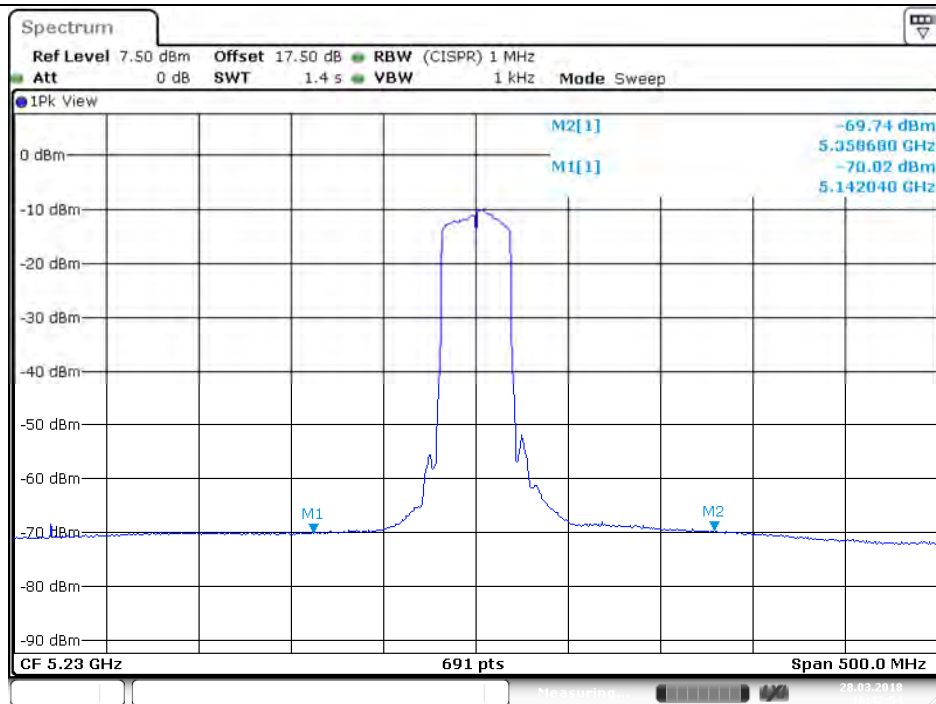
Date: 28.MAR.2018 16:16:43

Plot on Configuration VHT40 / 5230 MHz / Average / Port 2 (TX2)



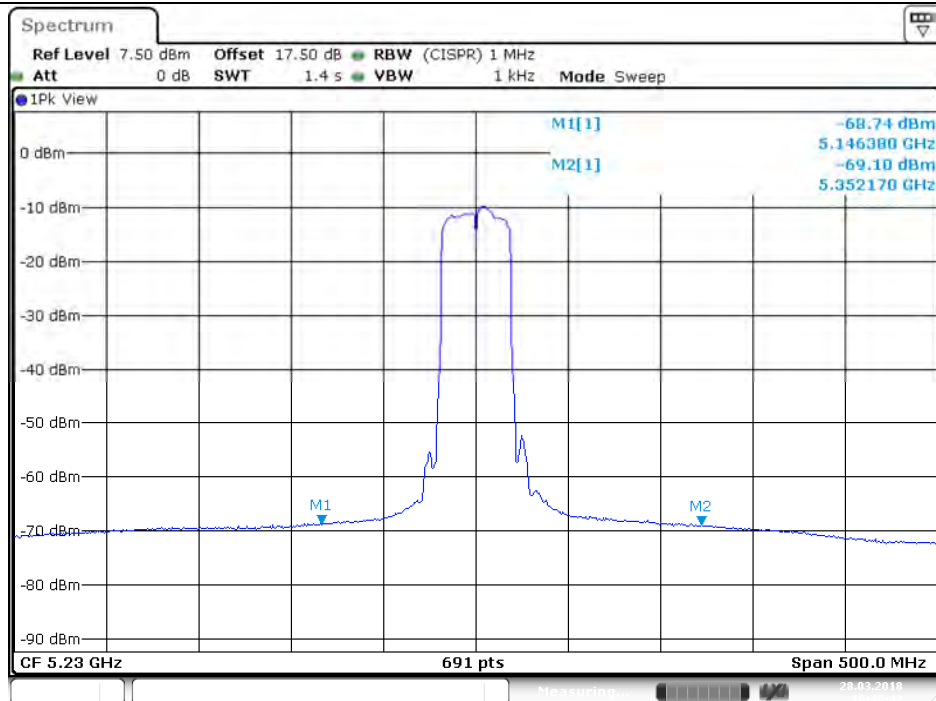
Date: 28.MAR.2018 16:29:17

Plot on Configuration VHT40 / 5230 MHz / Average / Port 3 (TX3)



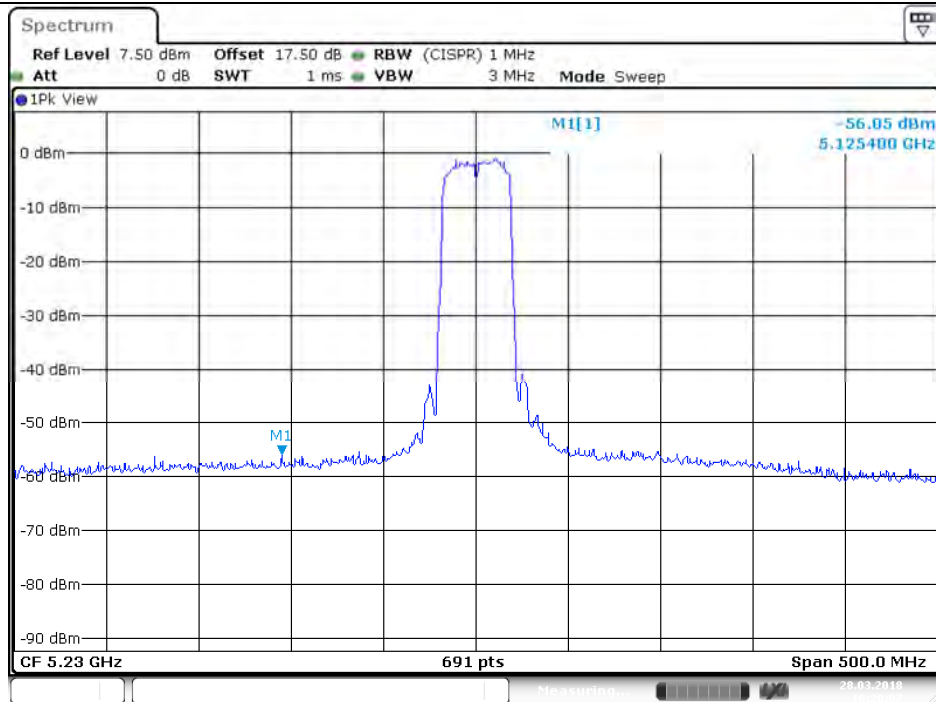
Date: 28.MAR.2018 16:42:55

Plot on Configuration VHT40 / 5230 MHz / Average / Port 4 (TX4)



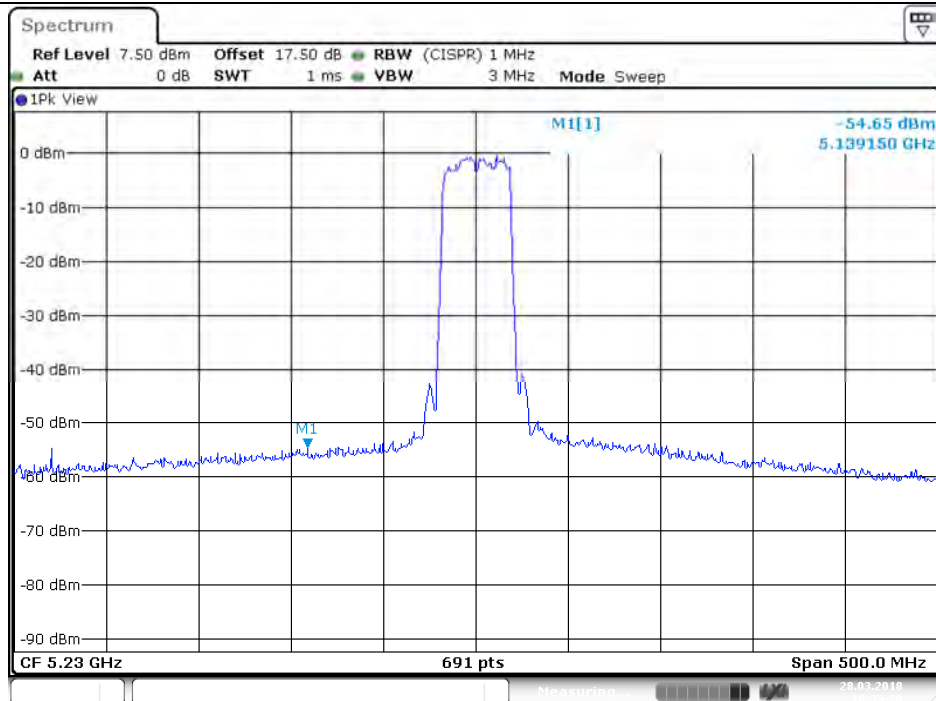
Date: 28.MAR.2018 16:48:43

Plot on Configuration VHT40 / 5230 MHz / Peak / Port 1 (TX1)



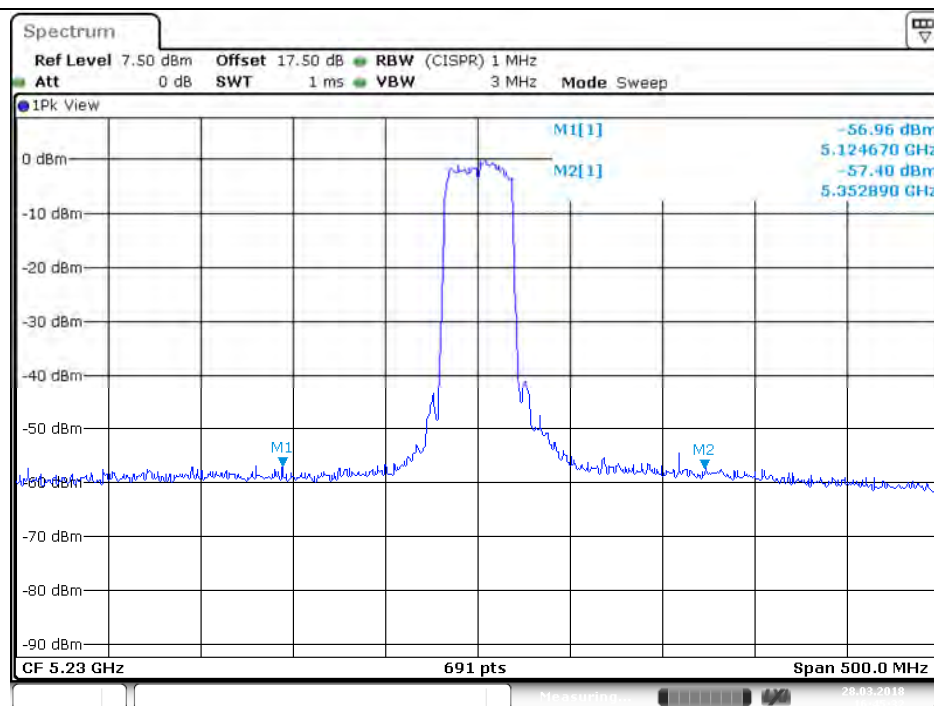
Date: 28.MAR.2018 16:20:07

Plot on Configuration VHT40 / 5230 MHz / Peak / Port 2 (TX2)



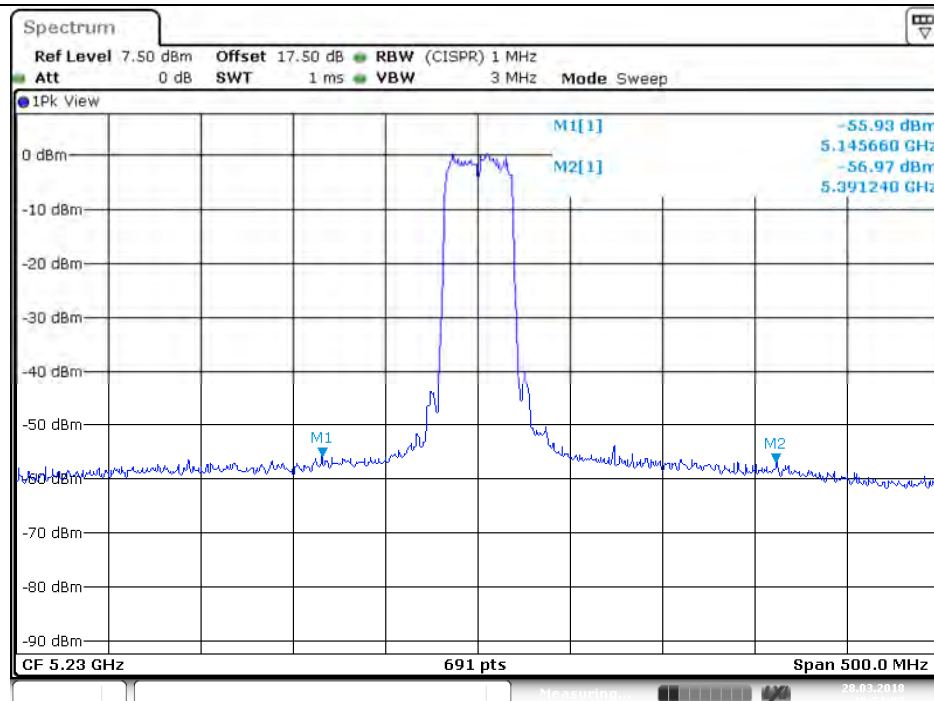
Date: 28.MAR.2018 16:35:20

Plot on Configuration VHT40 / 5230 MHz / Peak / Port 3 (TX3)



Date: 28 MAR 2018 16:45:32

Plot on Configuration VHT40 / 5230 MHz / Peak / Port 4 (TX4)



Date: 28.MAR.2018 16:51:08

Plot on Configuration VHT80 / 5210 MHz / Average / Port 1 (TX1)



Date: 28.MAR.2018 17:03:50

Plot on Configuration VHT80 / 5210 MHz / Average / Port 2 (TX2)



Date: 28.MAR.2018 17:07:37

Plot on Configuration VHT80 / 5210 MHz / Average / Port 3 (TX3)



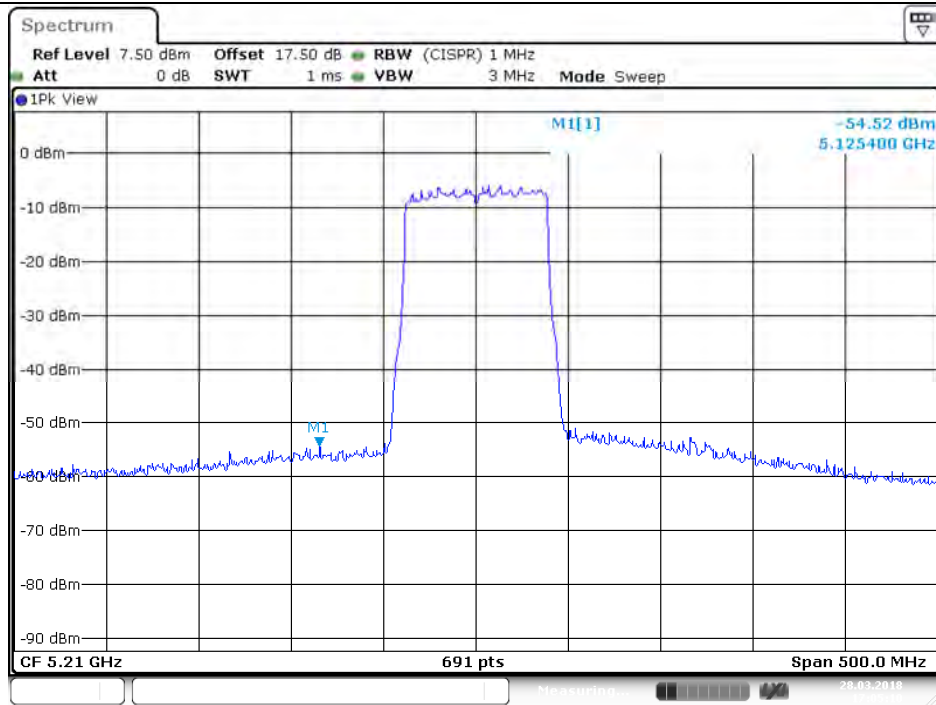
Date: 28.MAR.2018 17:11:30

Plot on Configuration VHT80 / 5210 MHz / Average / Port 4 (TX4)



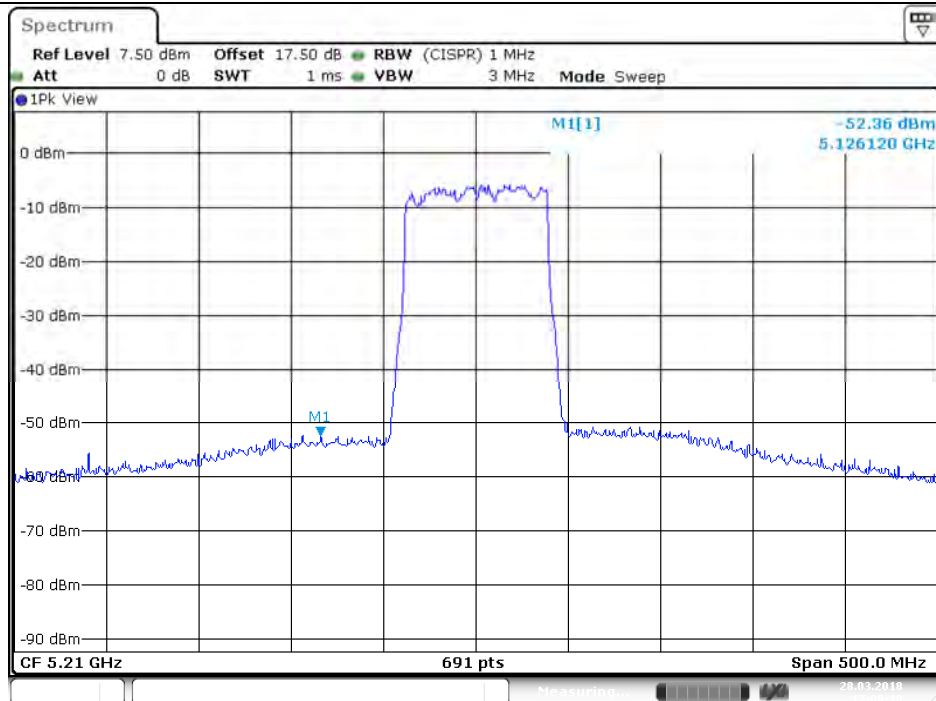
Date: 28.MAR.2018 17:15:56

Plot on Configuration VHT80 / 5210 MHz / Peak / Port 1 (TX1)



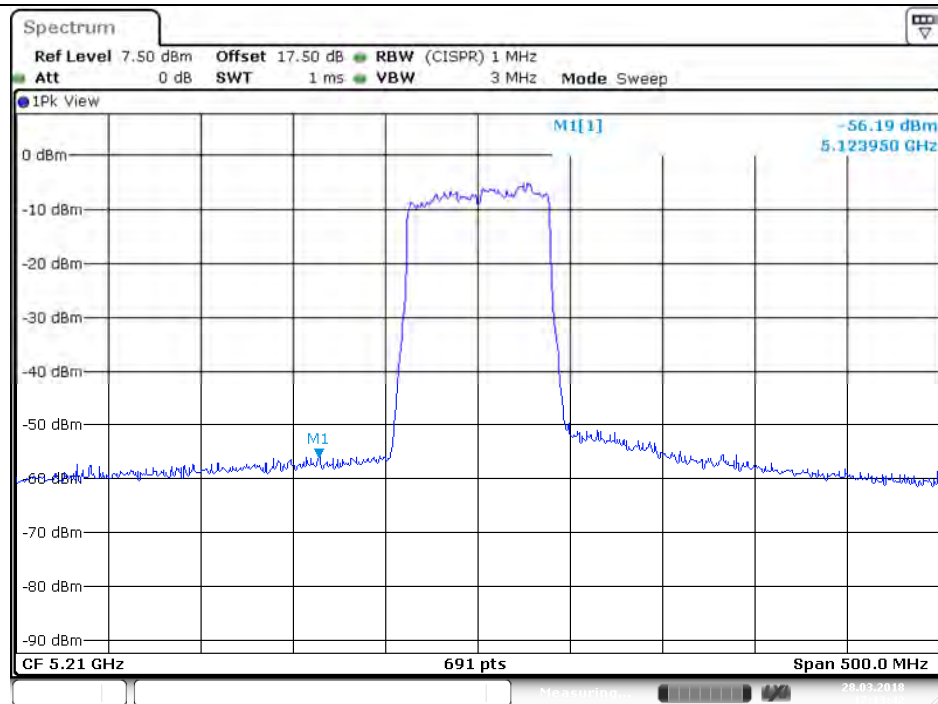
Date: 28.MAR.2018 17:05:10

Plot on Configuration VHT80 / 5210 MHz / Peak / Port 2 (TX2)



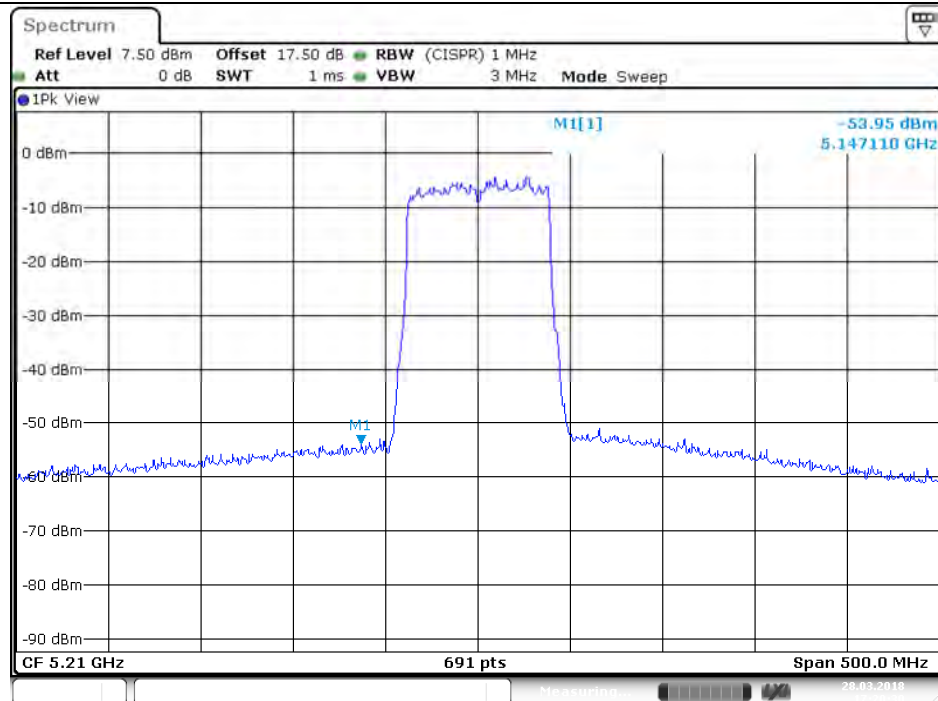
Date: 28.MAR.2018 17:09:10

Plot on Configuration VHT80 / 5210 MHz / Peak / Port 3 (TX3)



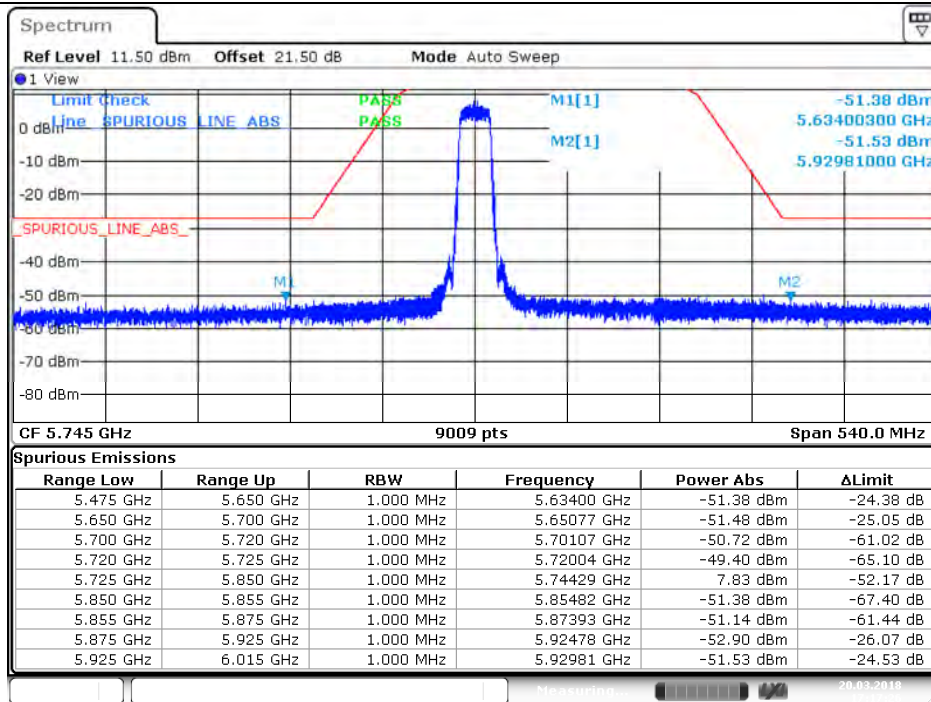
Date: 28.MAR.2018 17:13:43

Plot on Configuration VHT80 / 5210 MHz / Peak / Port 4 (TX4)

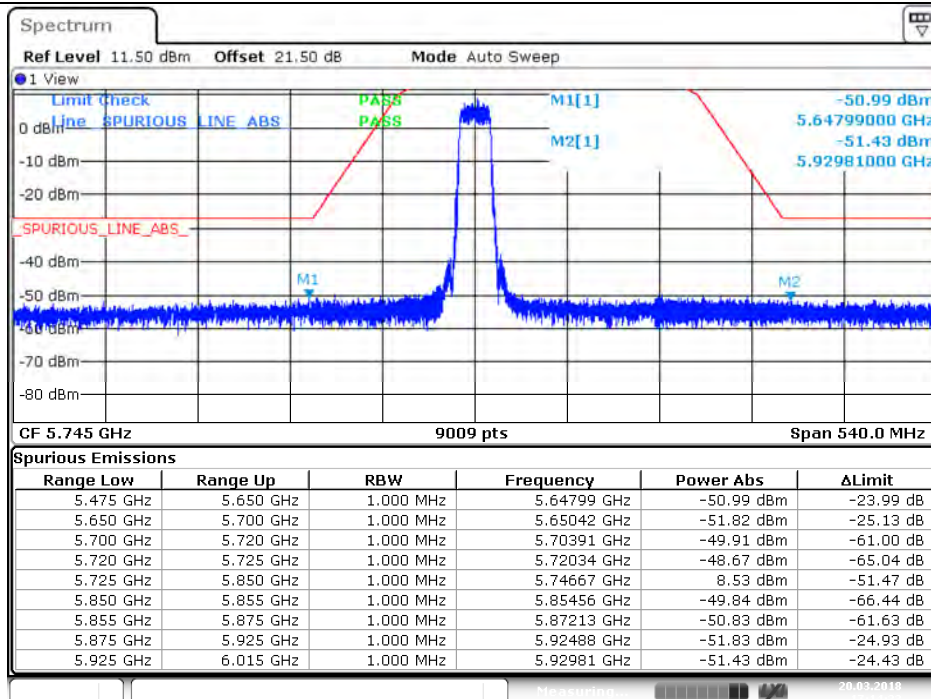


Date: 28.MAR.2018 17:20:30

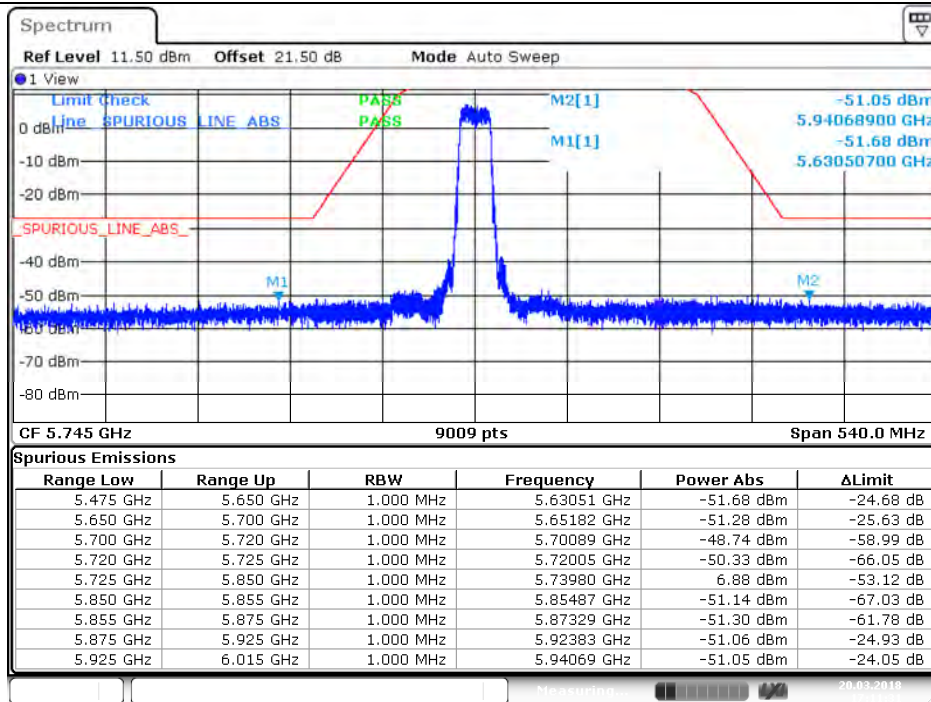
Plot on Configuration VHT20 / 5745 MHz / Peak / Port 1 (TX1)



Plot on Configuration VHT20 / 5745 MHz / Peak / Port 2 (TX2)

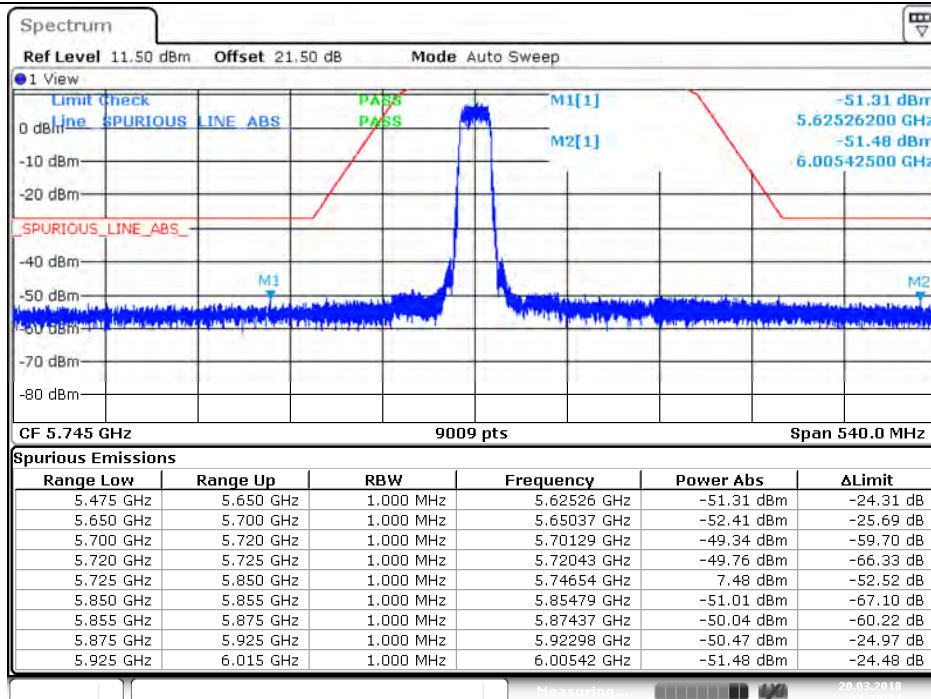


Plot on Configuration VHT20 / 5745 MHz / Peak / Port 3 (TX3)



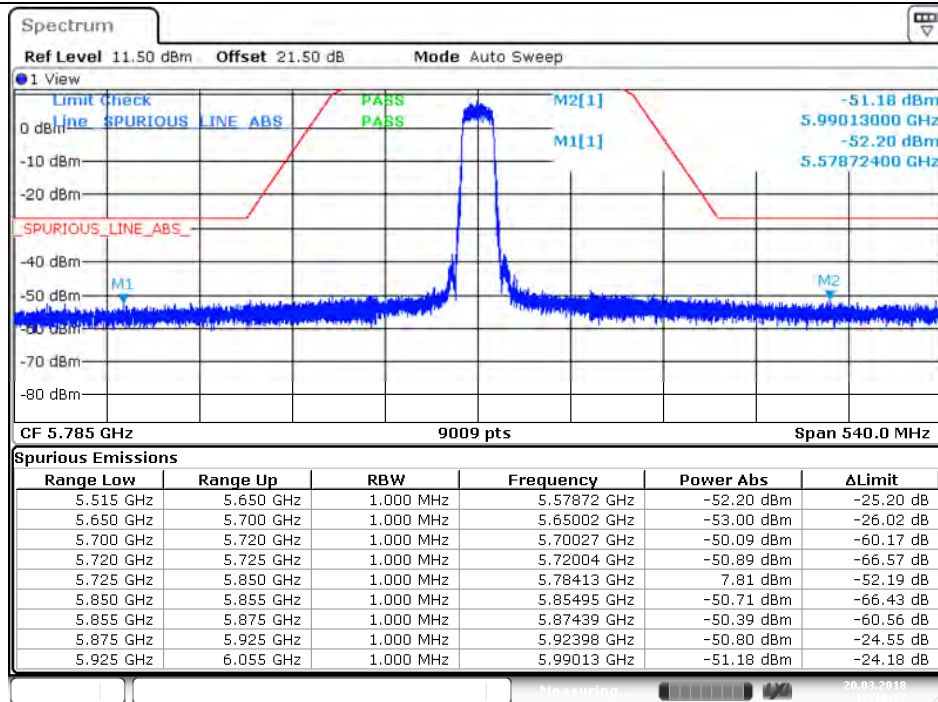
Date: 20.MAR.2018 17:11:31

Plot on Configuration VHT20 / 5745 MHz / Peak / Port 4 (TX4)

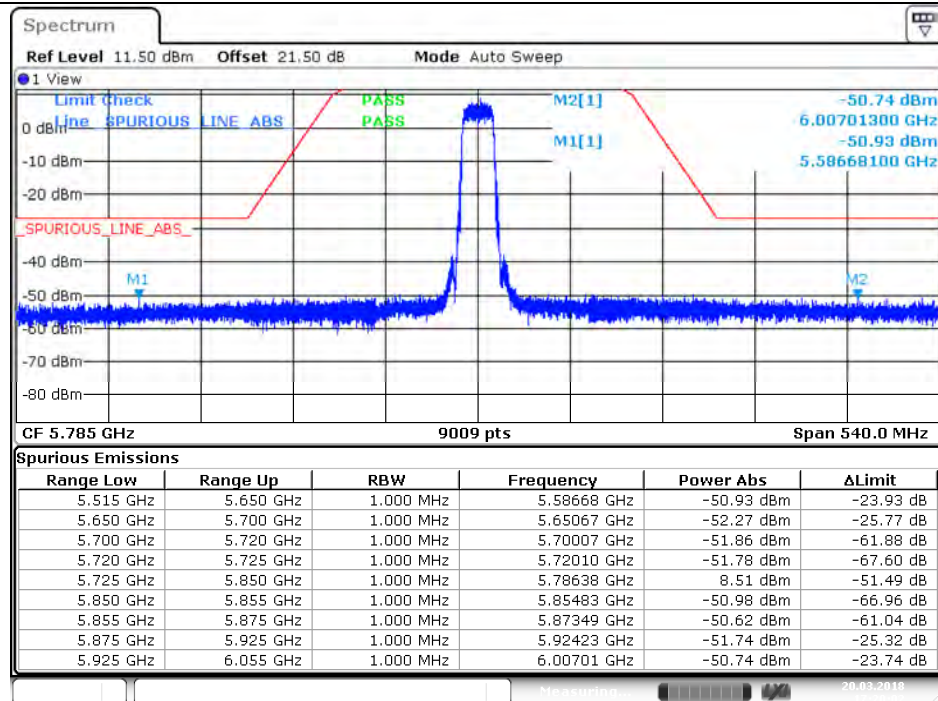


Date: 20.MAR.2018 17:10:34

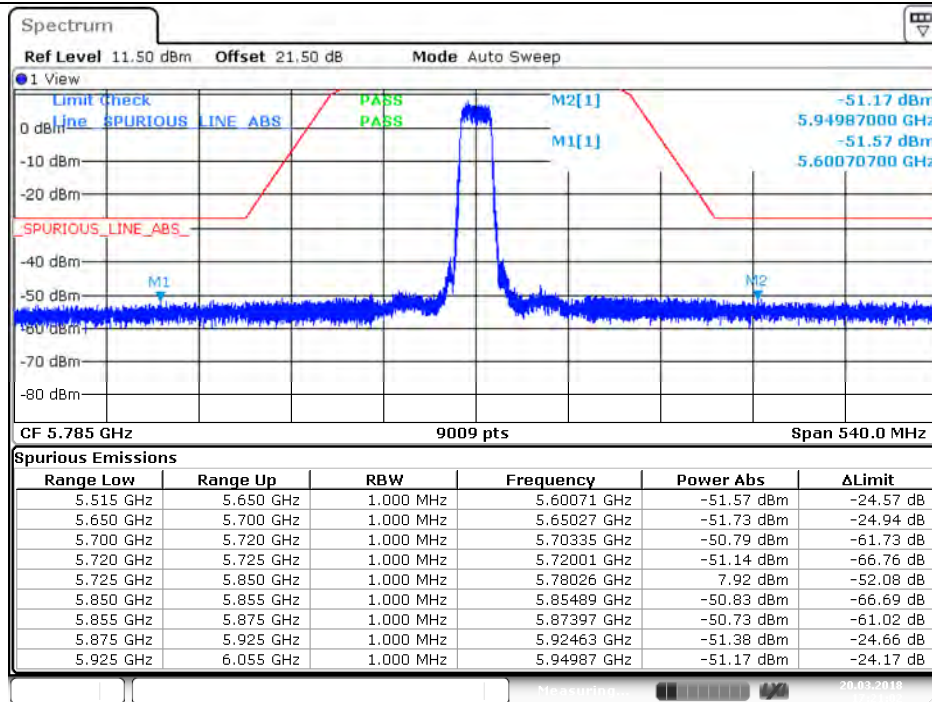
Plot on Configuration VHT20 / 5785 MHz / Peak / Port 1 (TX1)



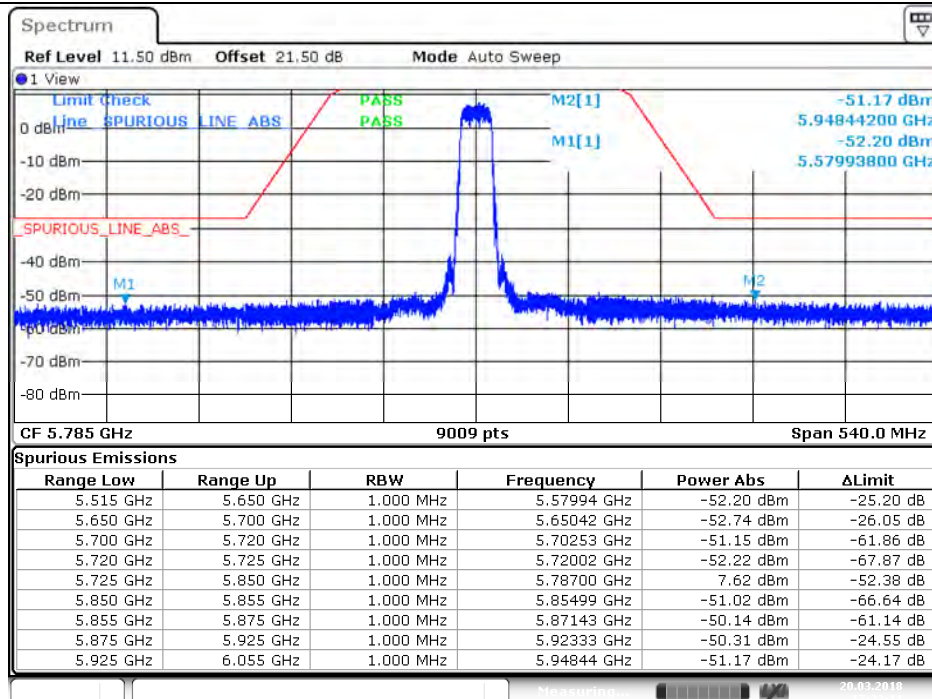
Plot on Configuration VHT20 / 5785 MHz / Peak / Port 2 (TX2)



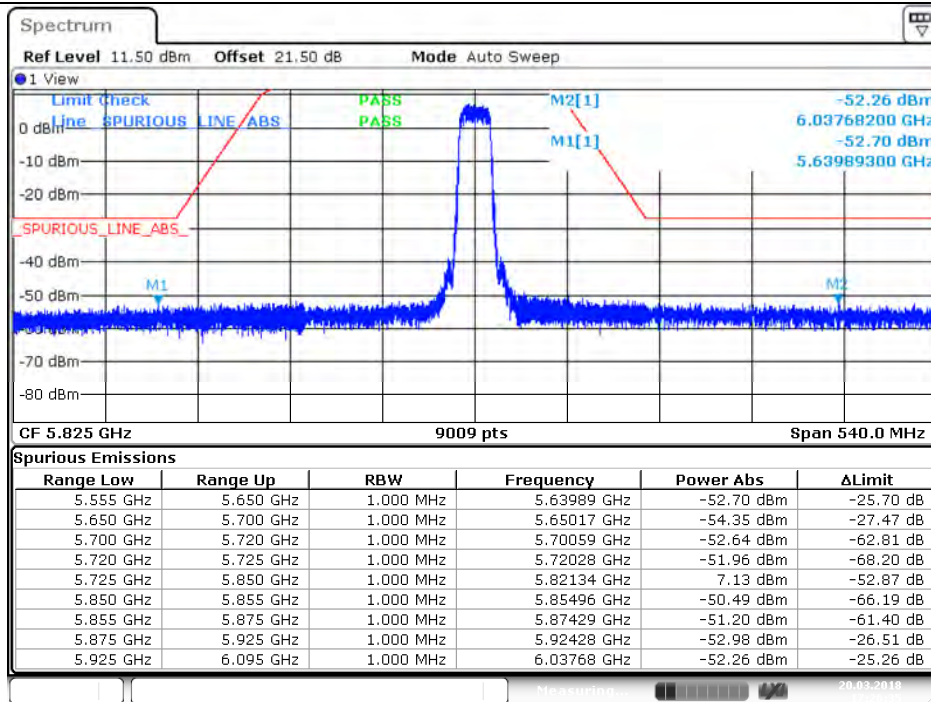
Plot on Configuration VHT20 / 5785 MHz / Peak / Port 3 (TX3)



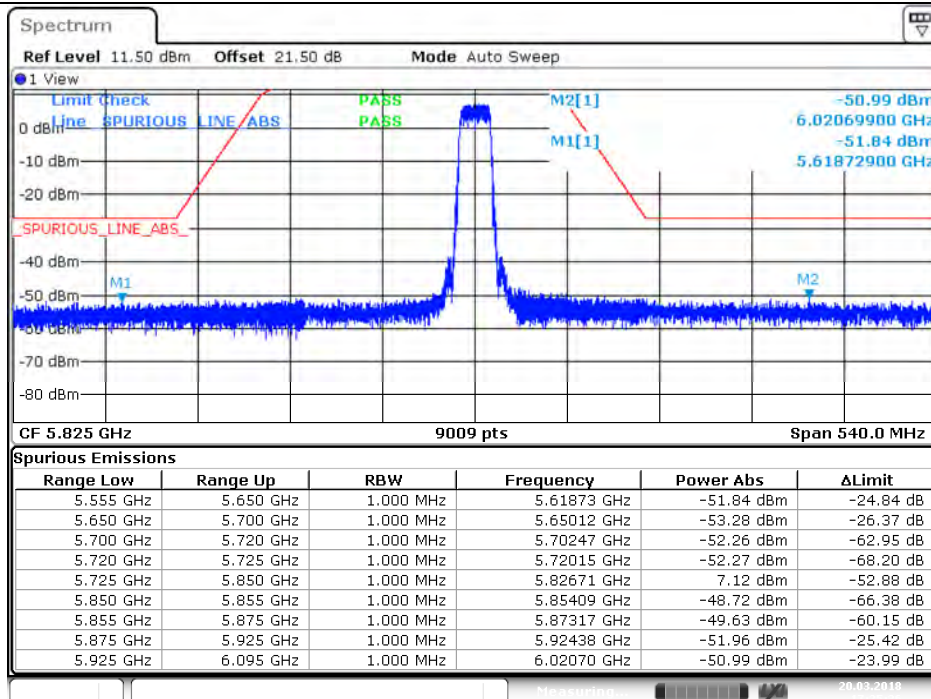
Plot on Configuration VHT20 / 5785 MHz / Peak / Port 4 (TX4)



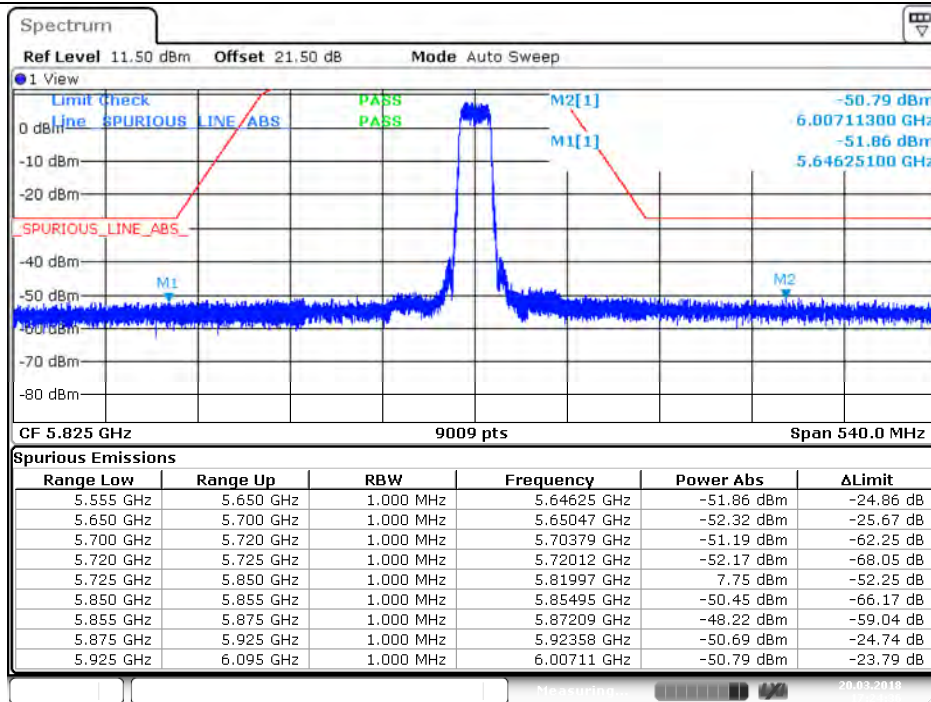
Plot on Configuration VHT20 / 5825 MHz / Peak / Port 1 (TX1)



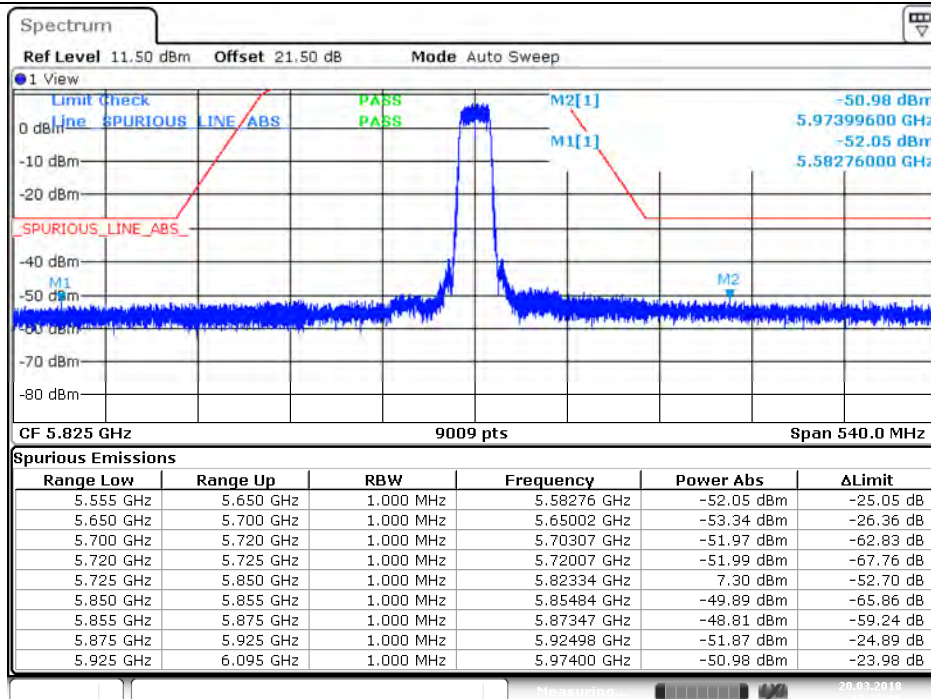
Plot on Configuration VHT20 / 5825 MHz / Peak / Port 2 (TX2)



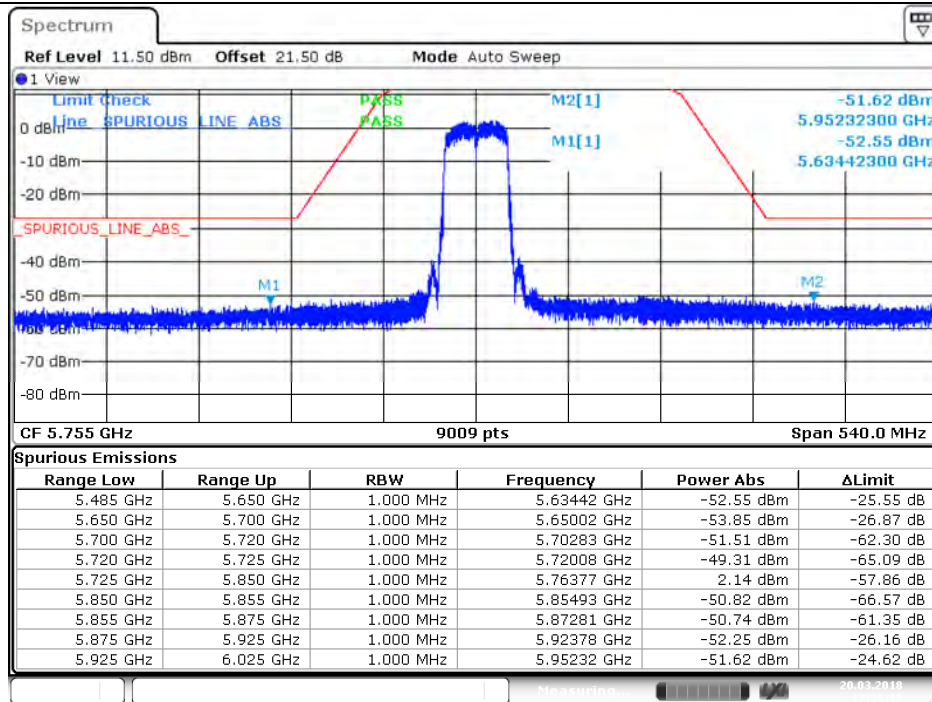
Plot on Configuration VHT20 / 5825 MHz / Peak / Port 3 (TX3)



Plot on Configuration VHT20 / 5825 MHz / Peak / Port 4 (TX4)

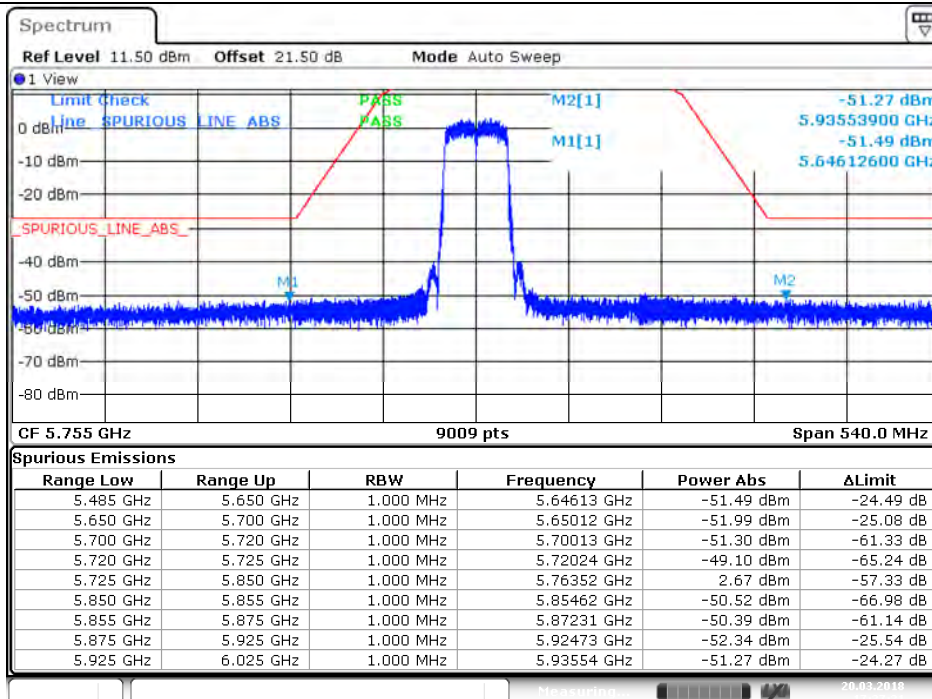


Plot on Configuration VHT40 / 5755 MHz / Peak / Port 1 (TX1)



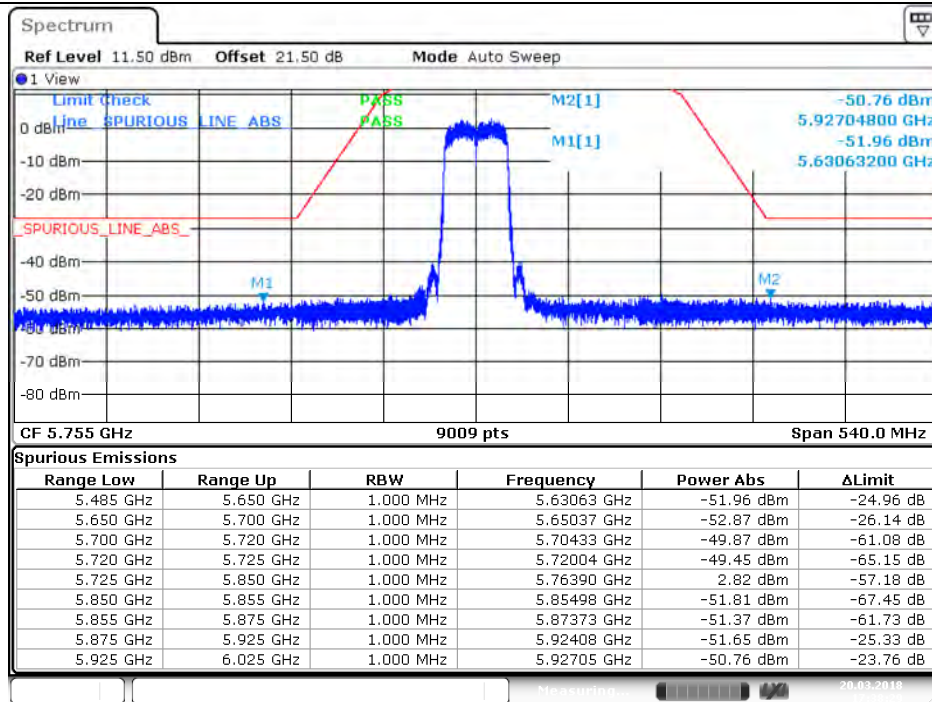
Date: 20.MAR.2018 17:36:11

Plot on Configuration VHT40 / 5755 MHz / Peak / Port 2 (TX2)

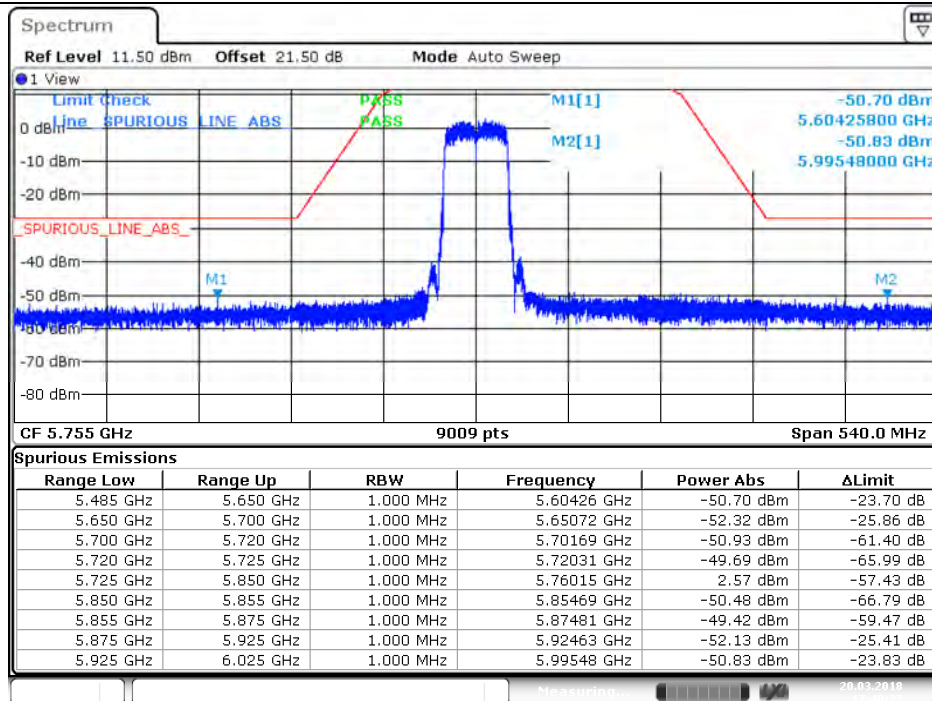


Date: 20.MAR.2018 17:37:22

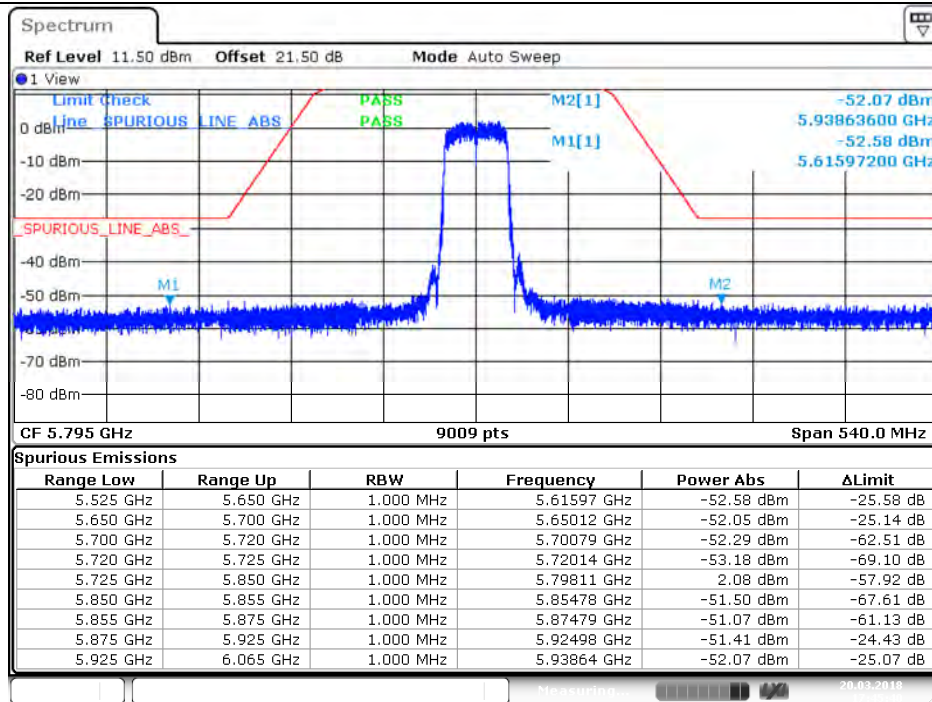
Plot on Configuration VHT40 / 5755 MHz / Peak / Port 3 (TX3)



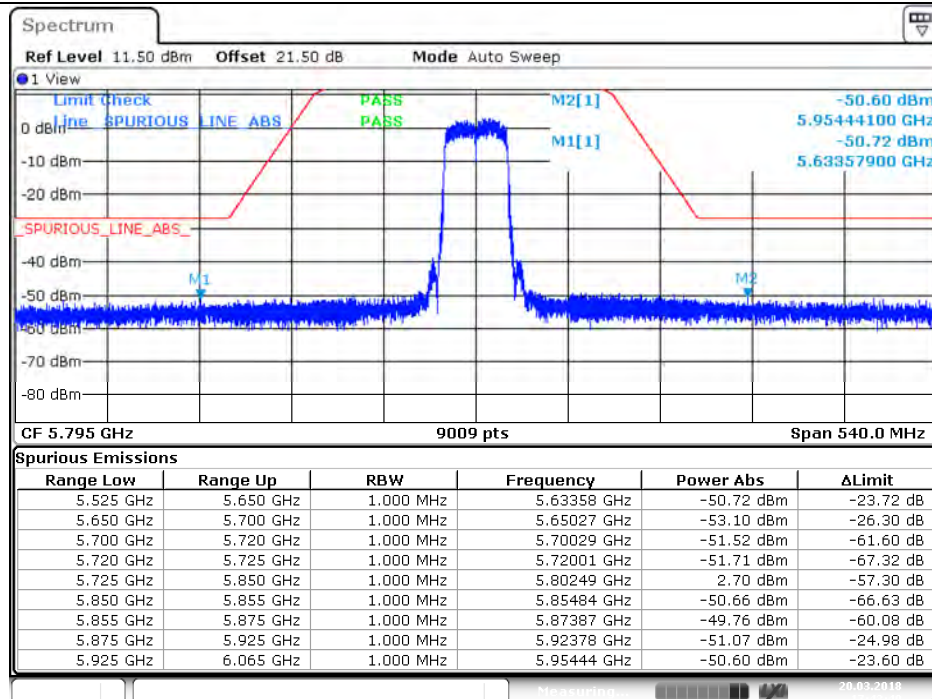
Plot on Configuration VHT40 / 5755 MHz / Peak / Port 4 (TX4)



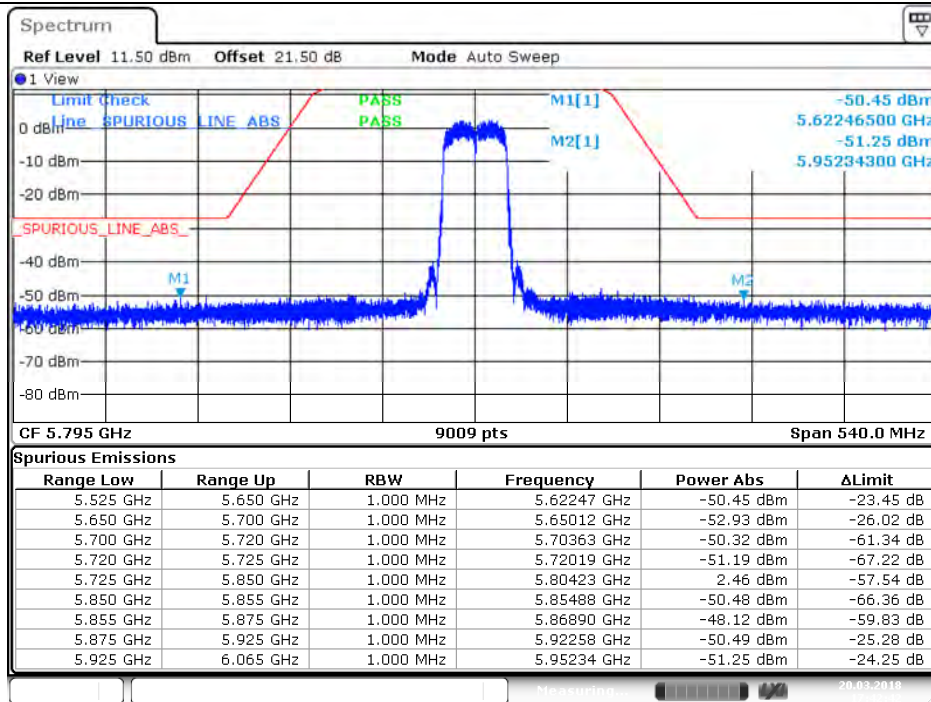
Plot on Configuration VHT40 / 5795 MHz / Peak / Port 1 (TX1)



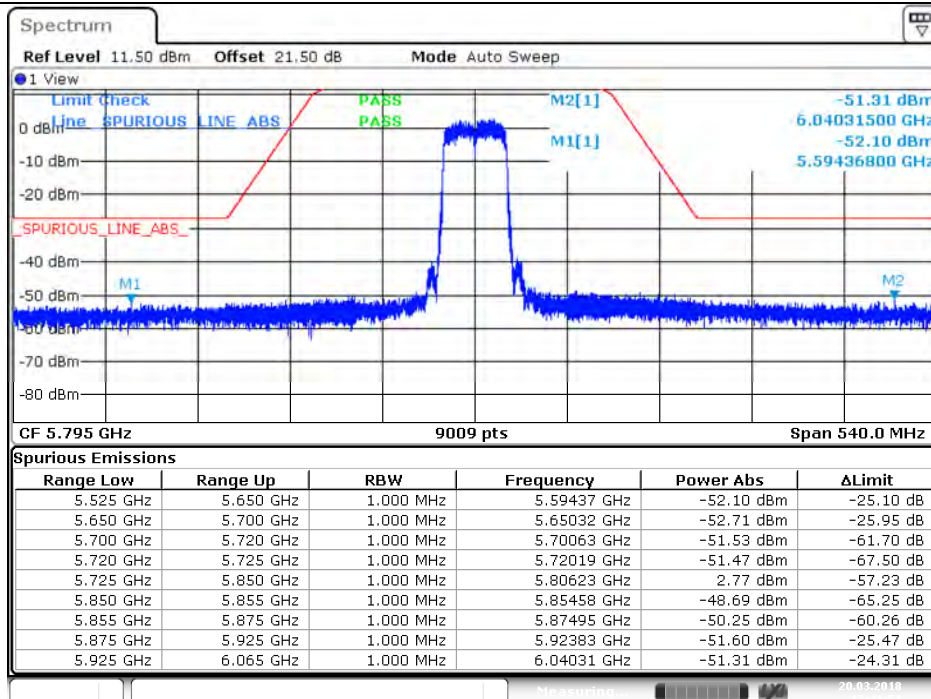
Plot on Configuration VHT40 / 5795 MHz / Peak / Port 2 (TX2)



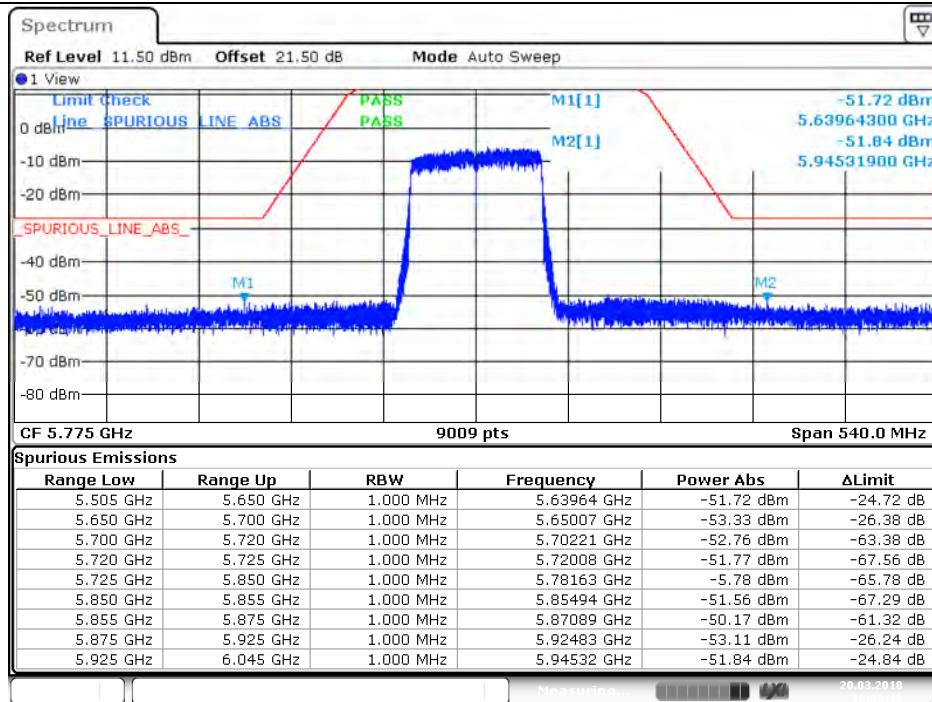
Plot on Configuration VHT40 / 5795 MHz / Peak / Port 3 (TX3)



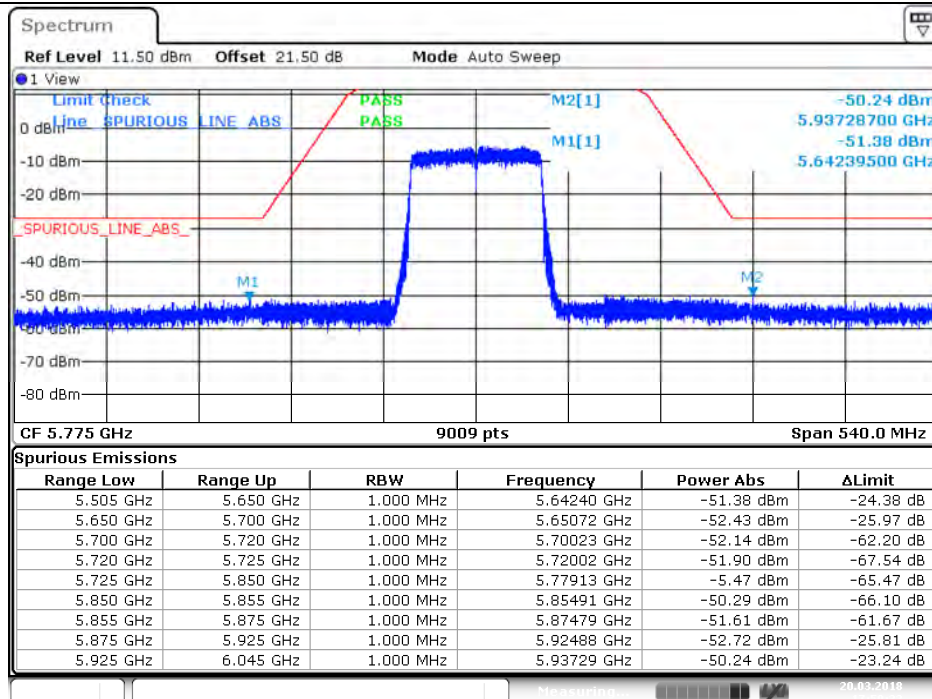
Plot on Configuration VHT40 / 5795 MHz / Peak / Port 4 (TX4)



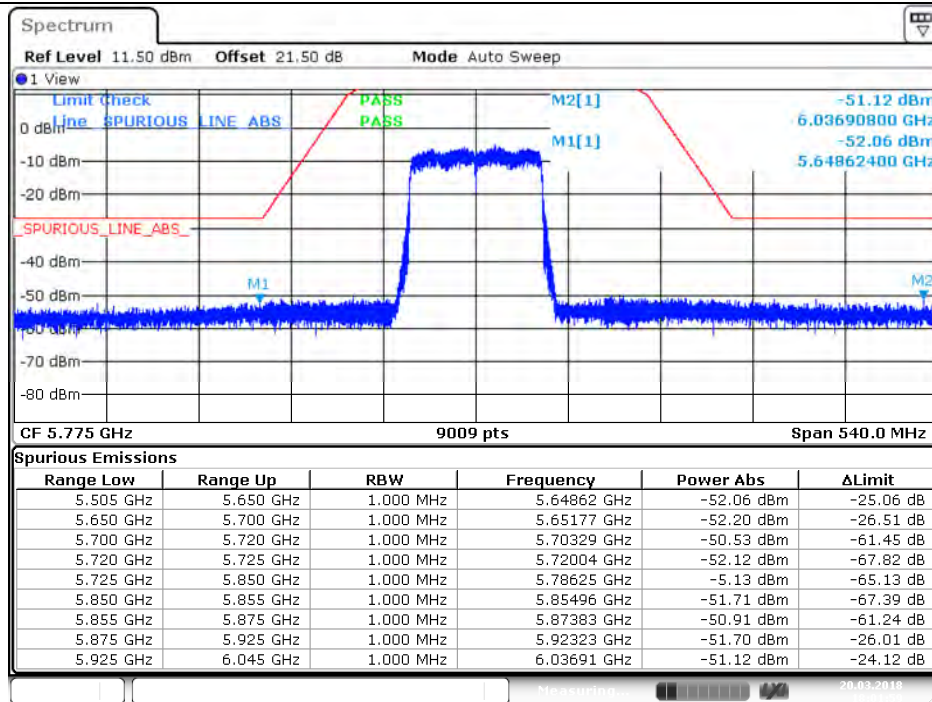
Plot on Configuration VHT80 / 5775 MHz / Peak / Port 1 (TX1)



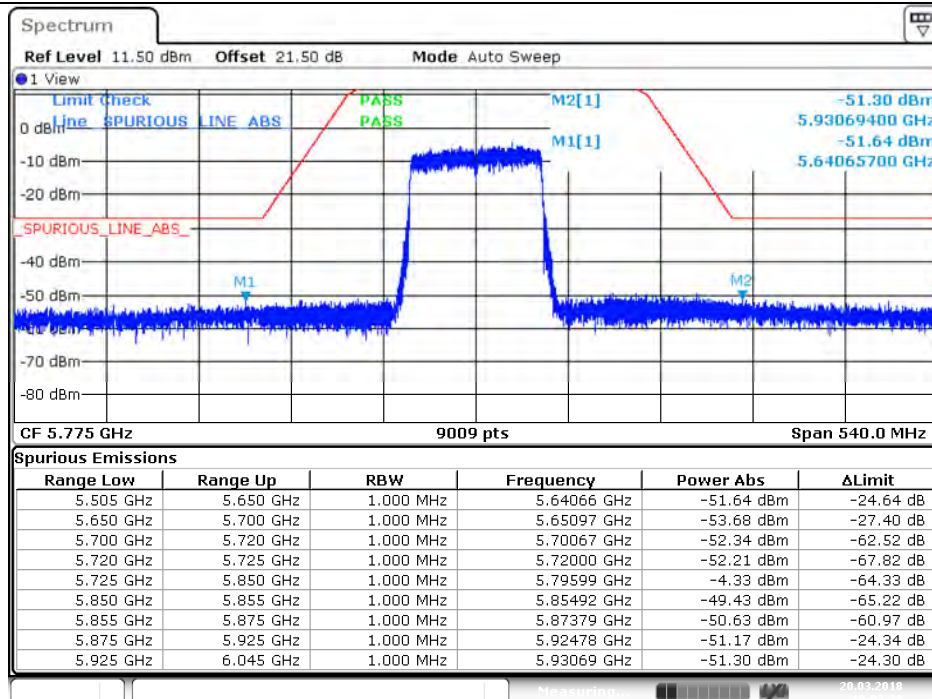
Plot on Configuration VHT80 / 5775 MHz / Peak / Port 2 (TX2)



Plot on Configuration VHT80 / 5775 MHz / Peak / Port 3 (TX3)



Plot on Configuration VHT80 / 5775 MHz / Peak / Port 4 (TX4)





TX Above 1GHz Result

Appendix E.2

For Set 2 antenna:

For Conducted Spurious Emission and Conducted Bandedge (1GHz~8GHz)

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	1G	5.15G	1M	AV	5.14793G	-41.54	-41.20	-0.34	2.00	0.00	-43.54	-48.80	-51.05	-48.90	-49.87
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	1G	5.15G	1M	AV	5.14896G	-41.32	-41.20	-0.12	2.00	0.00	-43.32	-48.68	-49.71	-49.85	-49.24
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	1G	5.15G	1M	AV	5.14585G	-41.55	-41.20	-0.35	2.00	0.00	-43.55	-48.57	-50.74	-48.70	-50.79
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	5.46G	8G	1M	AV	7.39993G	-41.74	-41.20	-0.54	2.00	0.00	-43.74	-49.93	-50.02	-49.51	-49.59
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	5.46G	8G	1M	AV	7.39548G	-41.59	-41.20	-0.39	2.00	0.00	-43.59	-49.35	-49.72	-49.69	-49.69
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	1G	8G	1M	PK	5.92625G	-27.88	-27.00	-0.88	2.00	0.00	-29.88	-37.50	-36.86	-33.51	-37.03

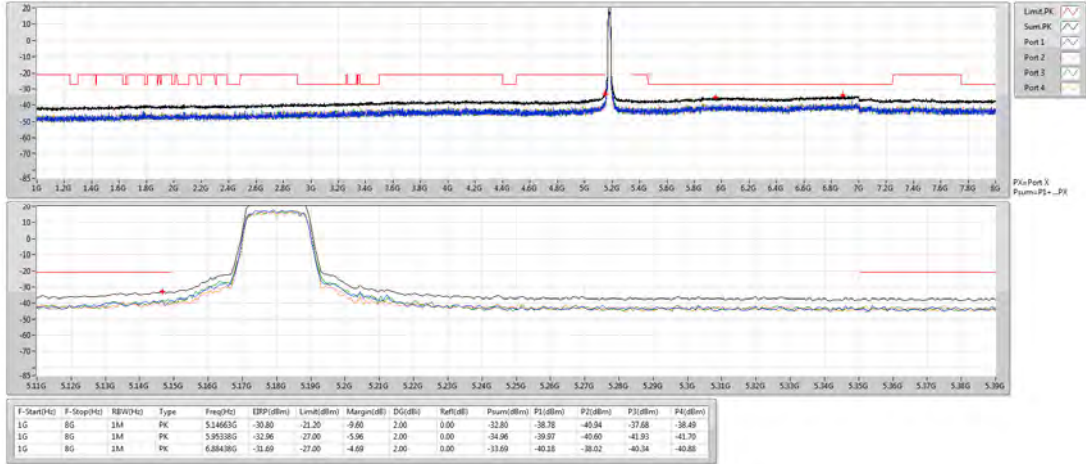
DG = Directional Gain;

PX=Port X; Psum=P1+.P2+..PX

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

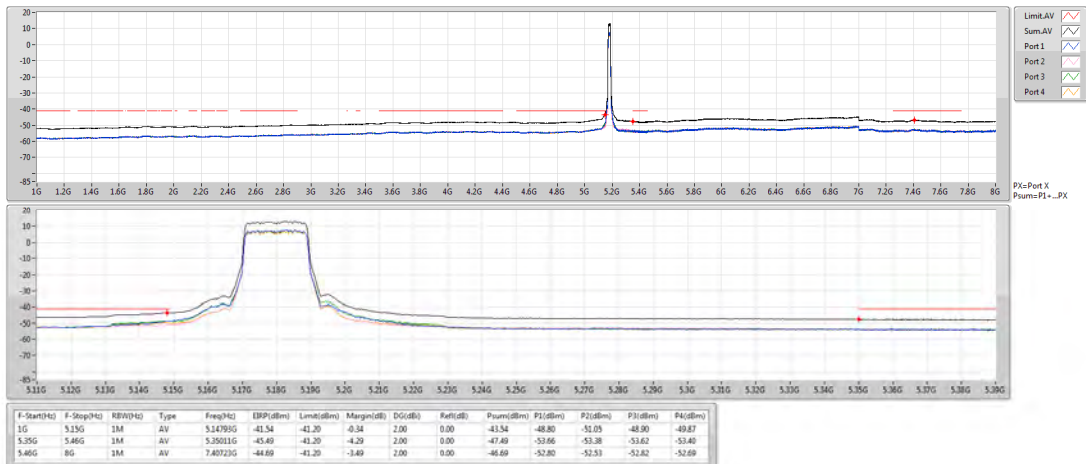
CSE-PK



802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

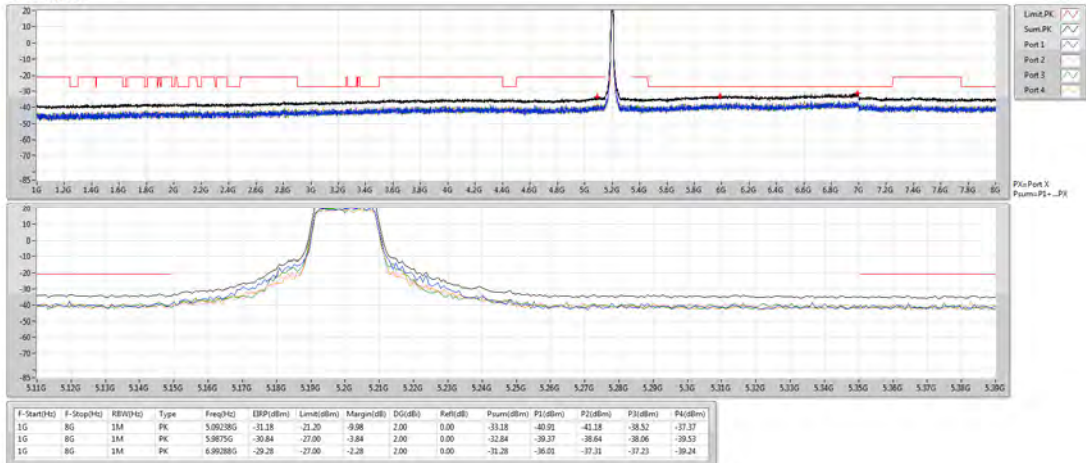
CSE-AV



802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz

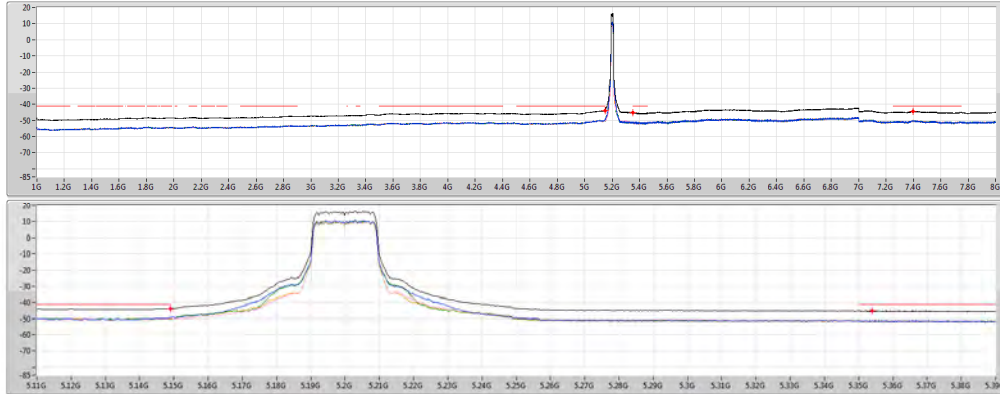
CSE-PK



802.11ac VHT20_Nss1,(MCS0)_4TX 5200MHz

CSE-AV

07/12/2018

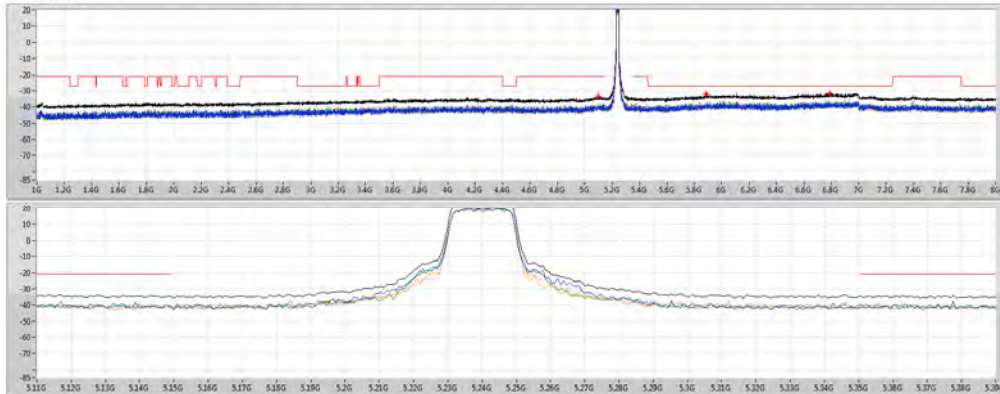


PX=Port X
Psum=P1+...PX

802.11ac VHT20_Nss1,(MCS0)_4TX 5240MHz

CSE-PK

07/12/2018

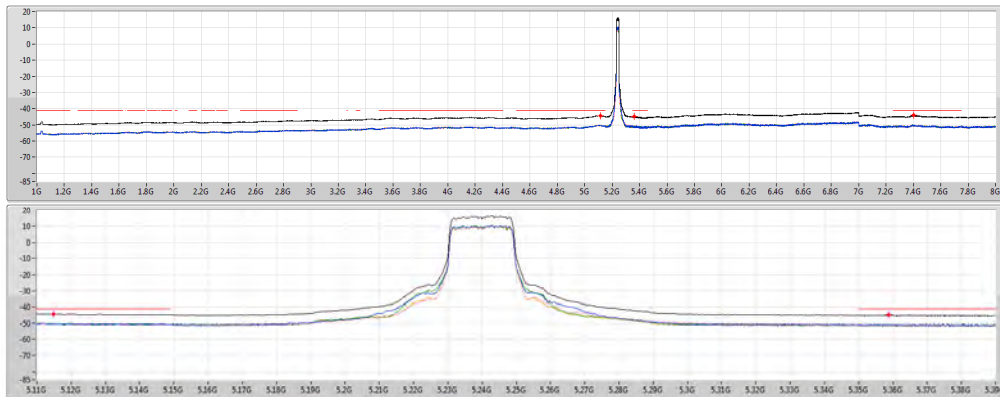


PX=Port X
Psum=P1+...PX

802.11ac VHT20_Nss1,(MCS0)_4TX 5240MHz

CSE-AV

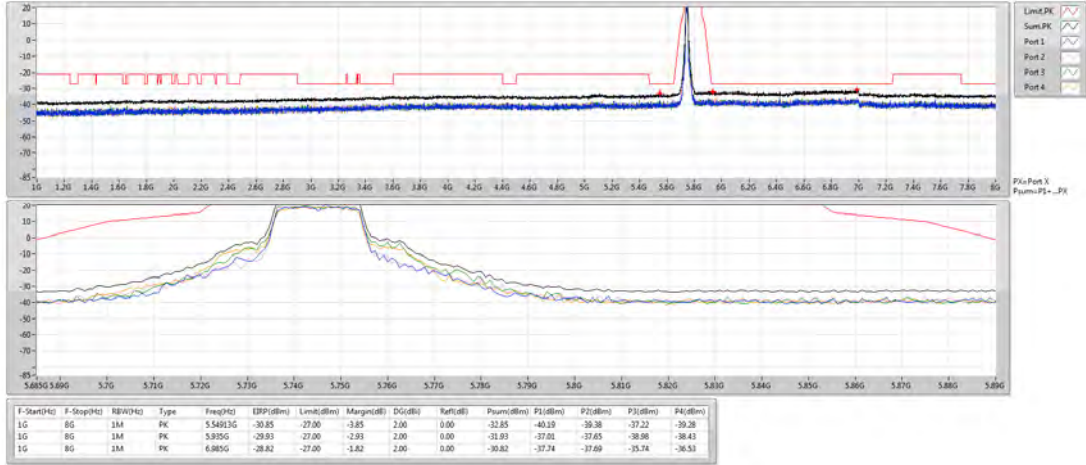
07/12/2018



PX=Port X
Psum=P1+...PX

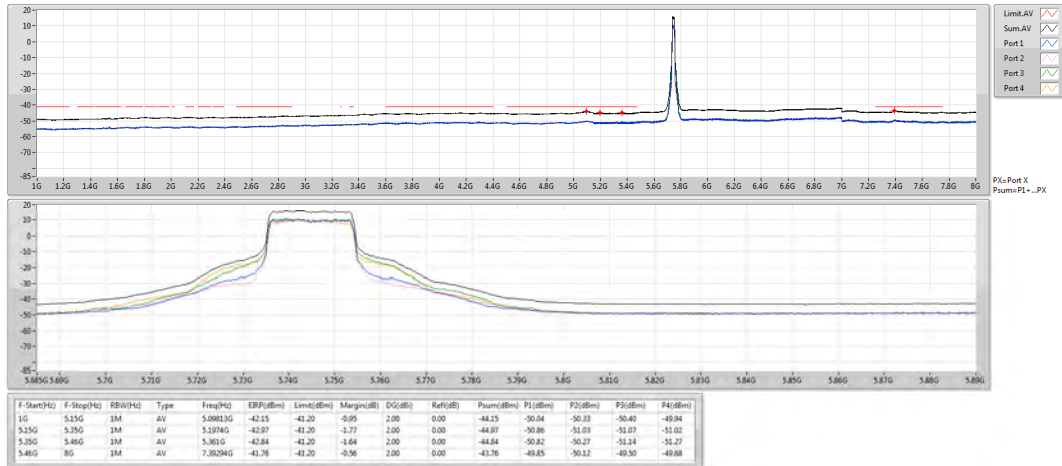
802.11ac VHT20_Nss1,(MCS0)_4TX 5745MHz

CSE-PK



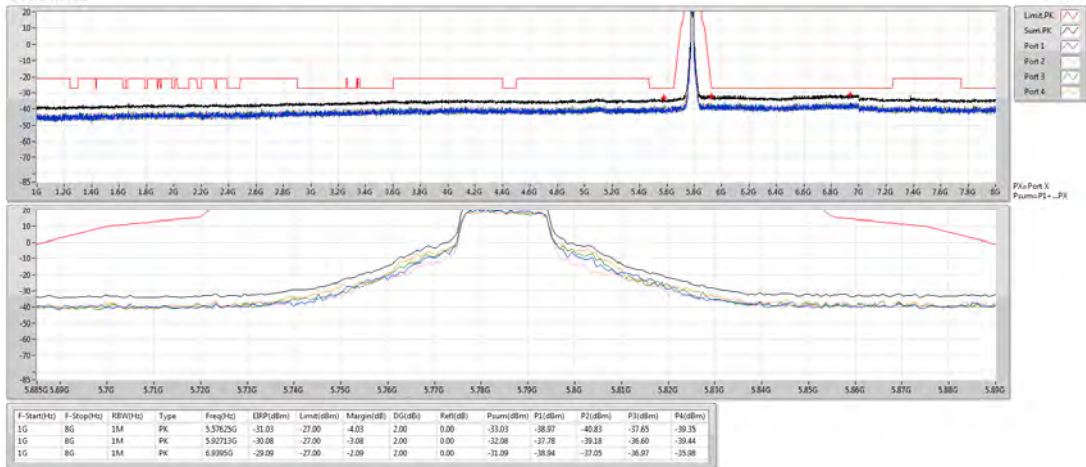
802.11ac VHT20_Nss1,(MCS0)_4TX 5745MHz

CSE-AV



802.11ac VHT20_Nss1,(MCS0)_4TX 5785MHz

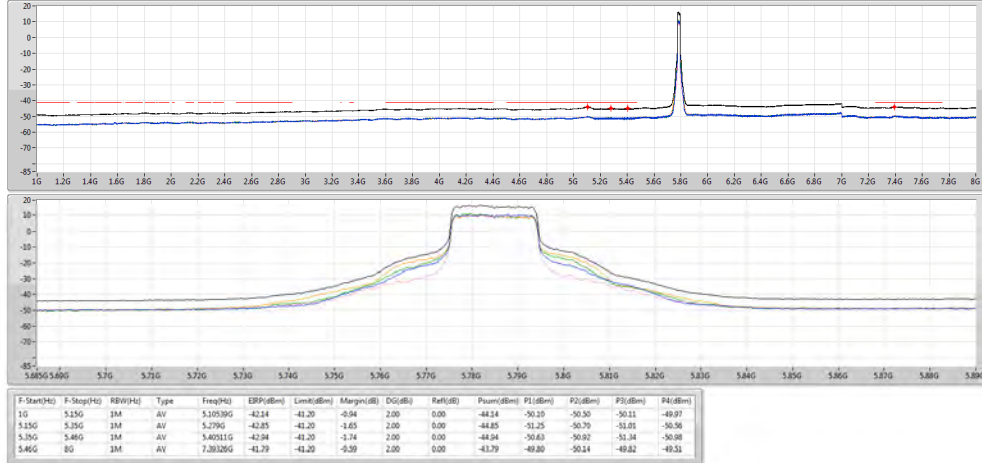
CSE-PK



802.11ac VHT20_Nss1,(MCS0)_4TX 5785MHz

CSE-AV

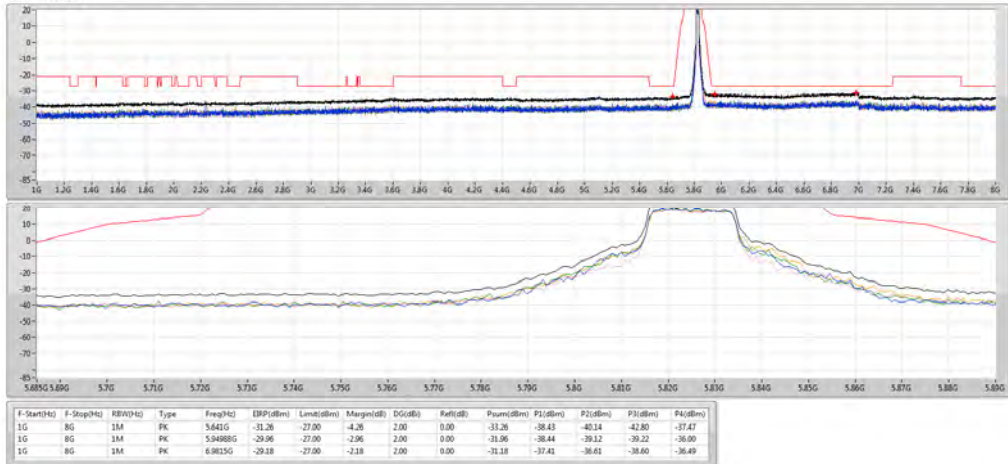
07/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5825MHz

CSE-PK

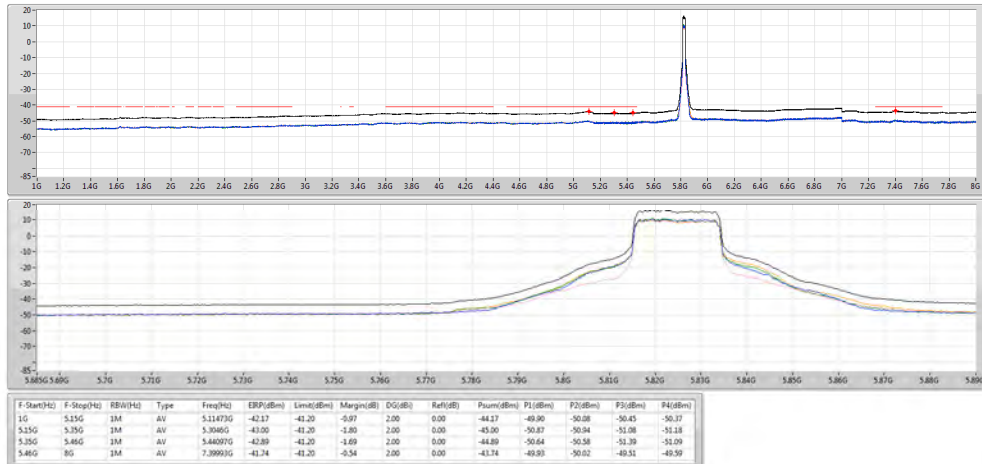
07/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5825MHz

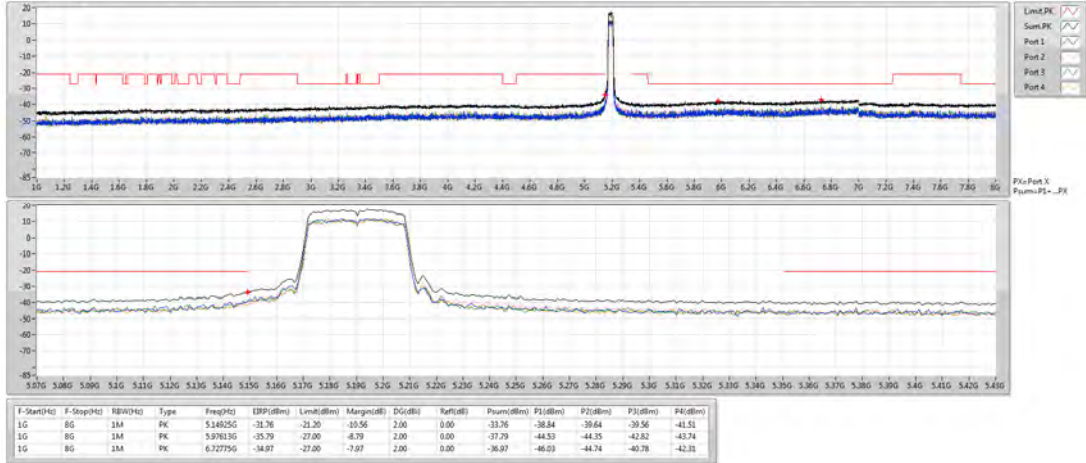
CSE-AV

07/12/2018



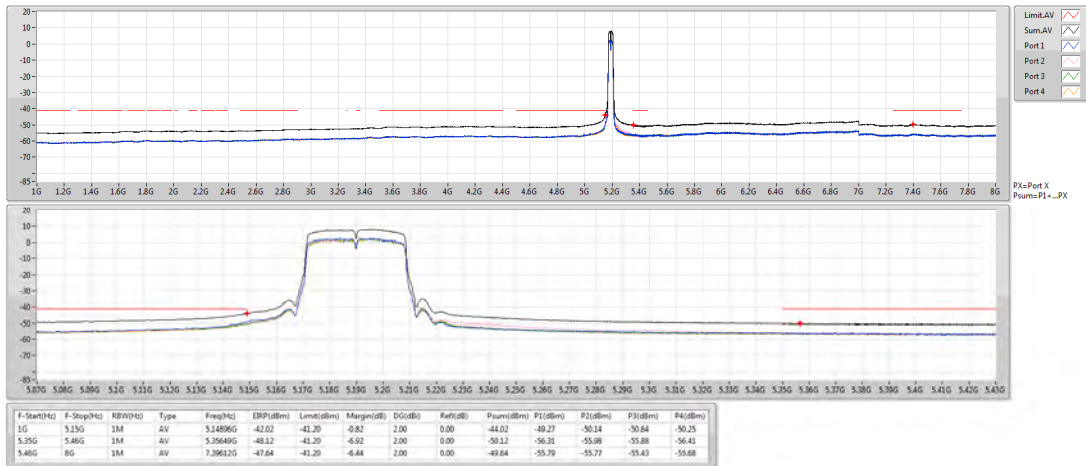
802.11ac VHT40_Nss1,(MCS0)_4TX 5190MHz

CSE-PK



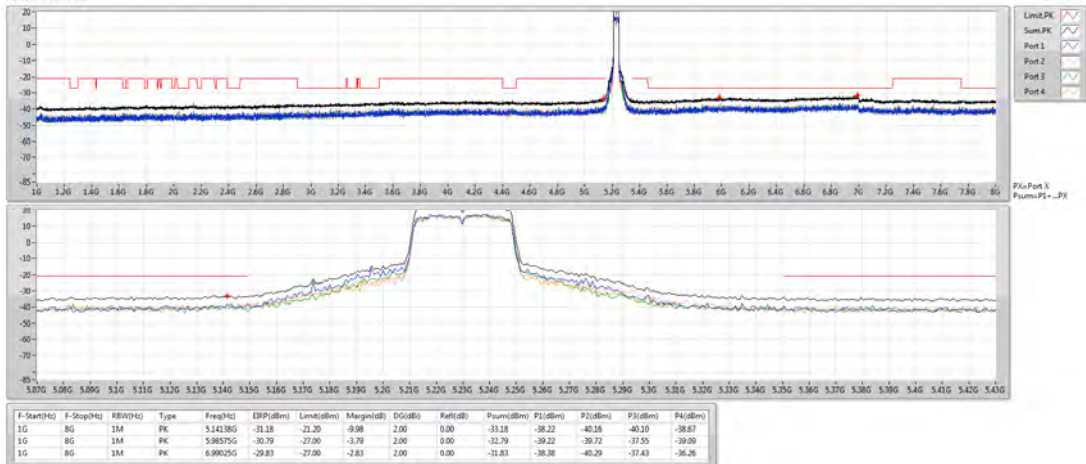
802.11ac VHT40_Nss1,(MCS0)_4TX 5190MHz

CSE-AV



802.11ac VHT40_Nss1,(MCS0)_4TX 5230MHz

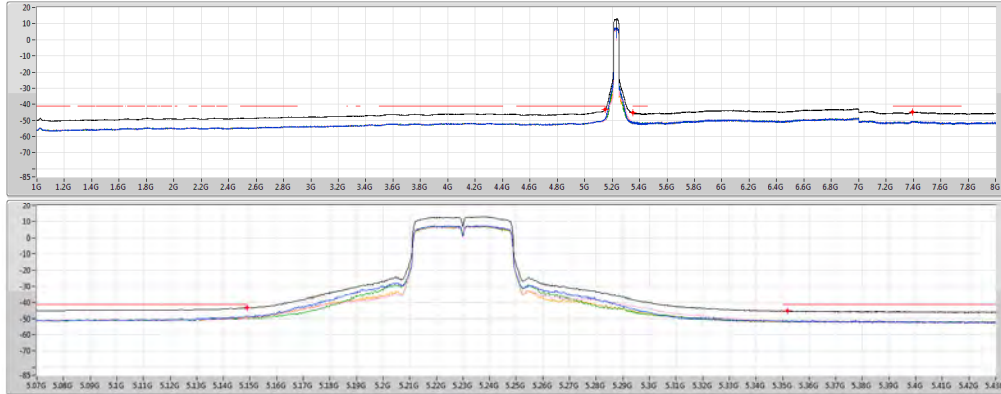
CSE-PK



802.11ac VHT40_Nss1,(MCS0)_4TX 5230MHz

CSE-AV

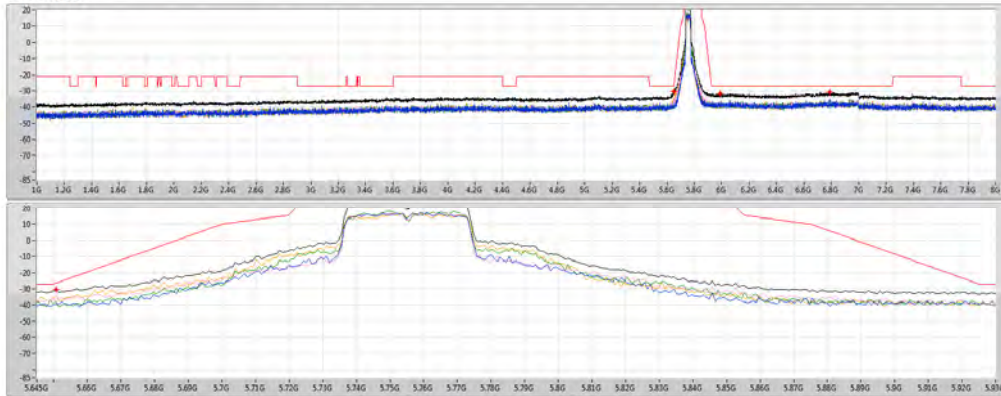
07/12/2018



802.11ac VHT40_Nss1,(MCS0)_4TX 5755MHz

CSE-PK

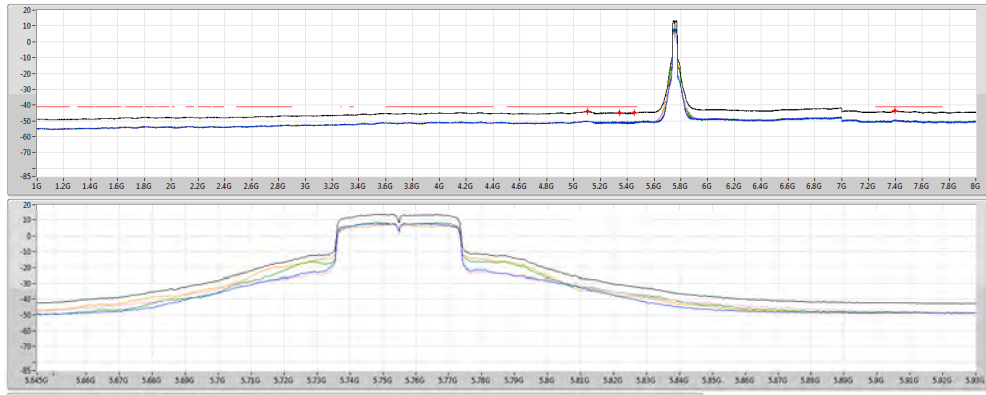
07/12/2018



802.11ac VHT40_Nss1,(MCS0)_4TX 5755MHz

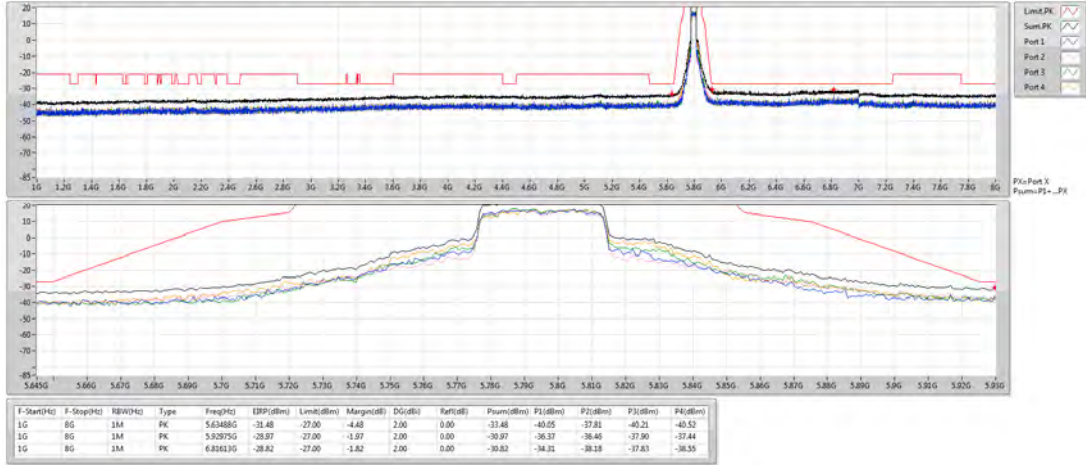
CSE-AV

07/12/2018



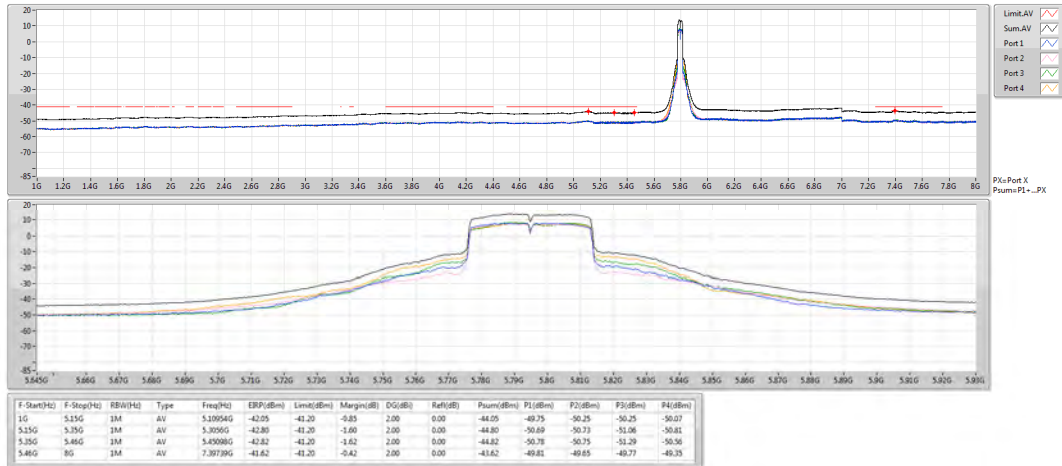
802.11ac VHT40_Nss1,(MCS0)_4TX 5795MHz

CSE-PK



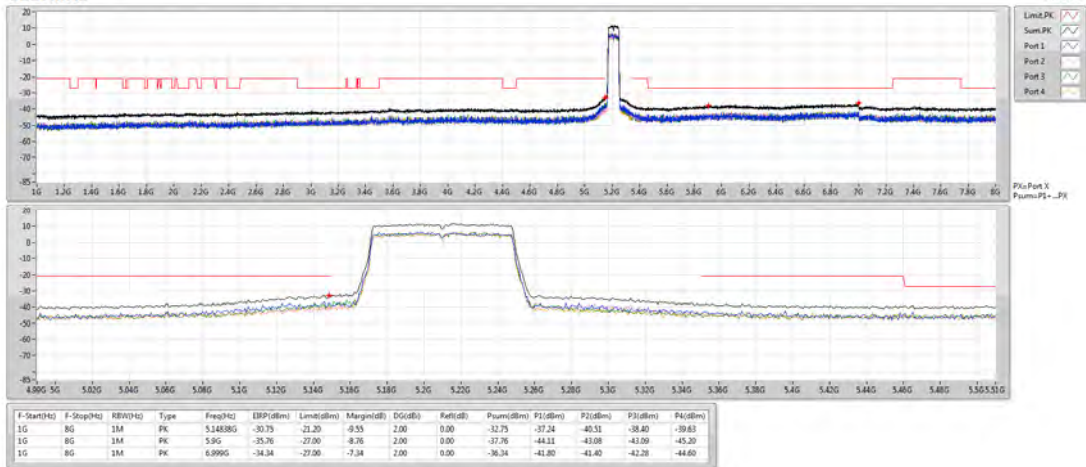
802.11ac VHT40_Nss1,(MCS0)_4TX 5795MHz

CSE-AV



802.11ac VHT80_Nss1,(MCS0)_4TX 5210MHz

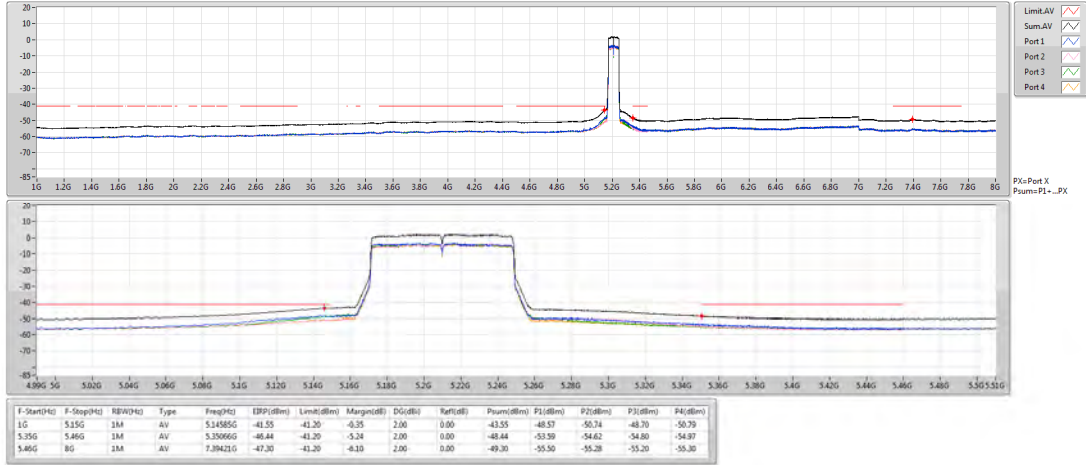
CSE-PK



802.11ac VHT80_Nss1,(MCS0)_4TX 5210MHz

CSE-AV

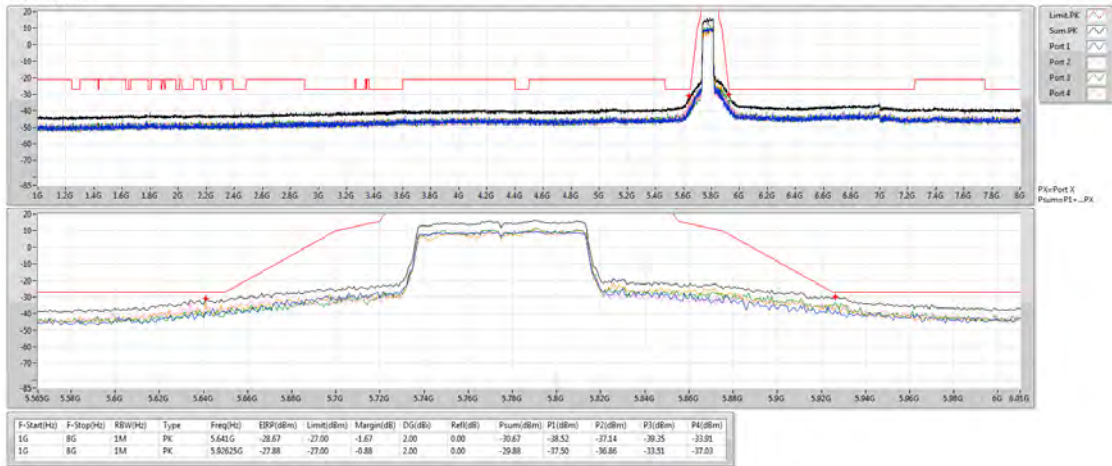
07/12/2018



802.11ac VHT80_Nss1,(MCS0)_4TX 5775MHz

CSE-PK

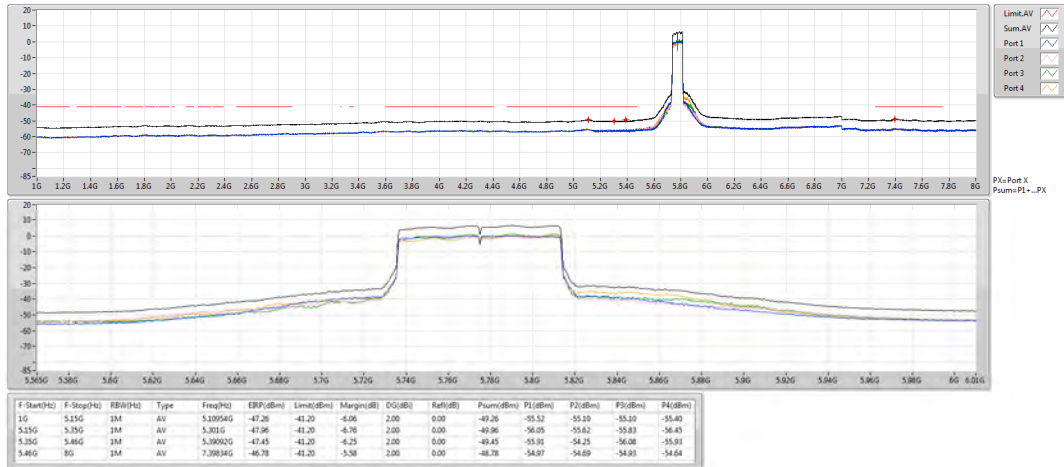
08/12/2018



802.11ac VHT80_Nss1,(MCS0)_4TX 5775MHz

CSE-AV

08/12/2018





TX Above 1GHz Result

Appendix E.2

For Conducted Spurious Emission (8GHz~40GHz)

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)	Refl (dB)	Psum (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.591G	-57.98	-41.20	-16.78	2.00	0.00	-59.98	-66.10	-65.81	-66.07	-66.02
802.11ac VHT40_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.581G	-58.16	-41.20	-16.96	2.00	0.00	-60.16	-66.21	-66.44	-65.89	-66.19
802.11ac VHT80_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.596G	-58.19	-41.20	-16.99	2.00	0.00	-60.19	-66.21	-66.07	-66.26	-66.31
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.604G	-58.24	-41.20	-17.04	2.00	0.00	-60.24	-66.40	-66.32	-66.14	-66.20
802.11ac VHT40_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.59G	-58.34	-41.20	-17.14	2.00	0.00	-60.34	-66.50	-66.23	-66.29	-66.42
802.11ac VHT80_Nss1.(MCS0)_4TX	Pass	8G	40G	1M	AV	39.593G	-58.16	-41.20	-16.96	2.00	0.00	-60.16	-65.89	-66.46	-66.05	-66.34

DG = Directional Gain;

PX=Port X; Psum=P1+.P2+...PX



TX Above 1GHz Result

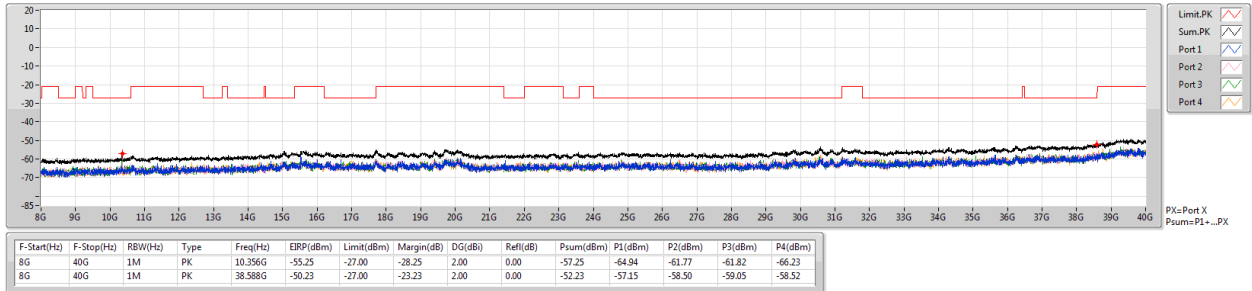
Appendix E.2

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

CSE-PK

08/12/2018

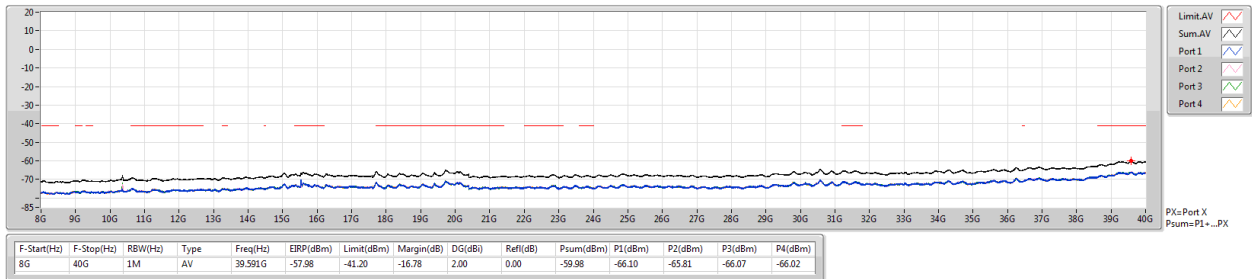


802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

CSE-AV

08/12/2018

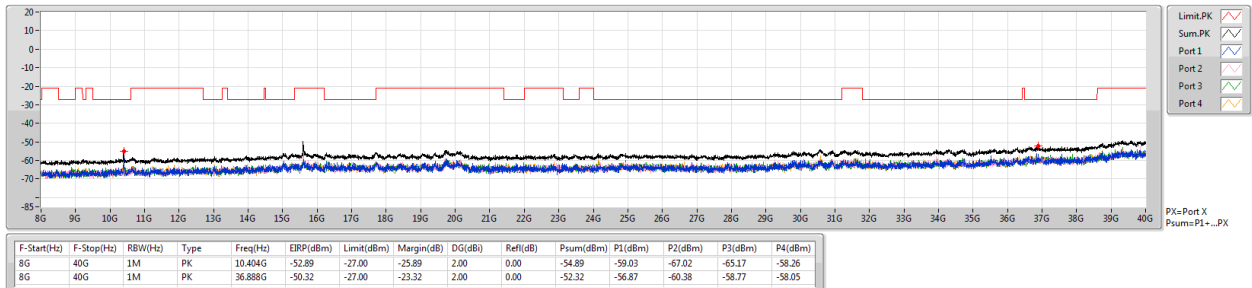


802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz

CSE-PK

08/12/2018

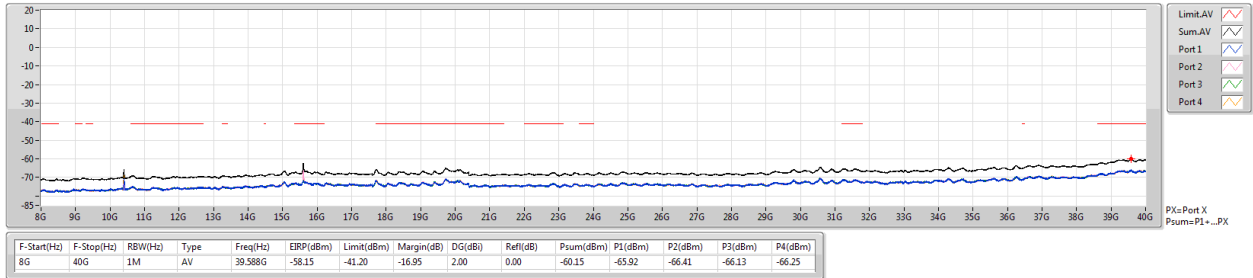


802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz

CSE-AV

08/12/2018

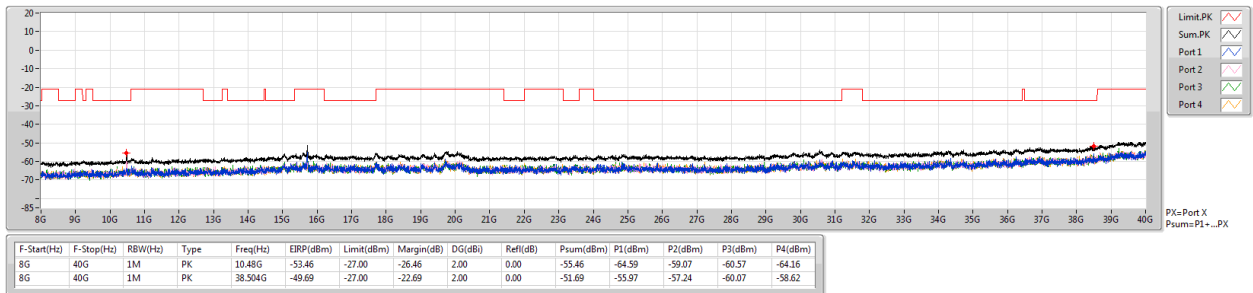


802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz

CSE-PK

08/12/2018

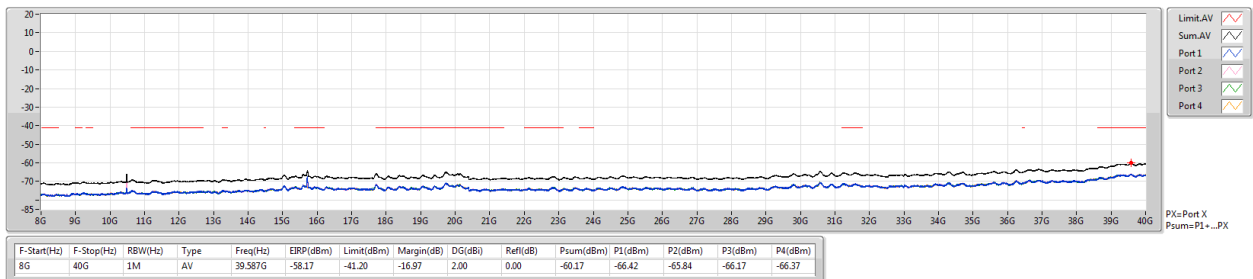


802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz

CSE-AV

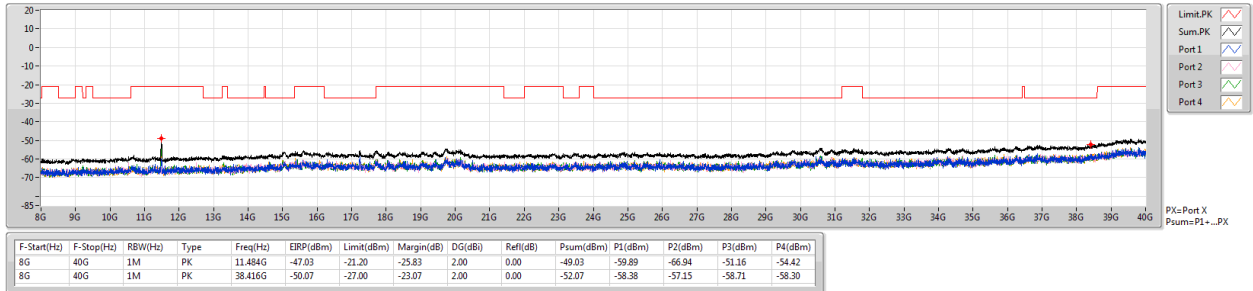
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5745MHz

CSE-PK

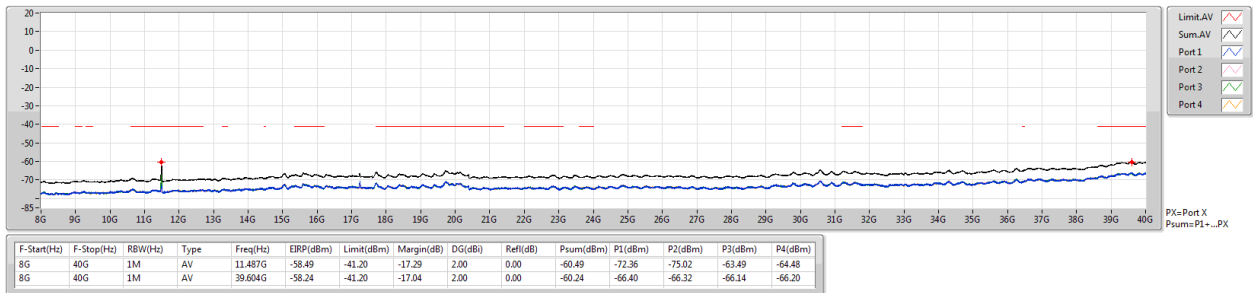
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5745MHz

CSE-AV

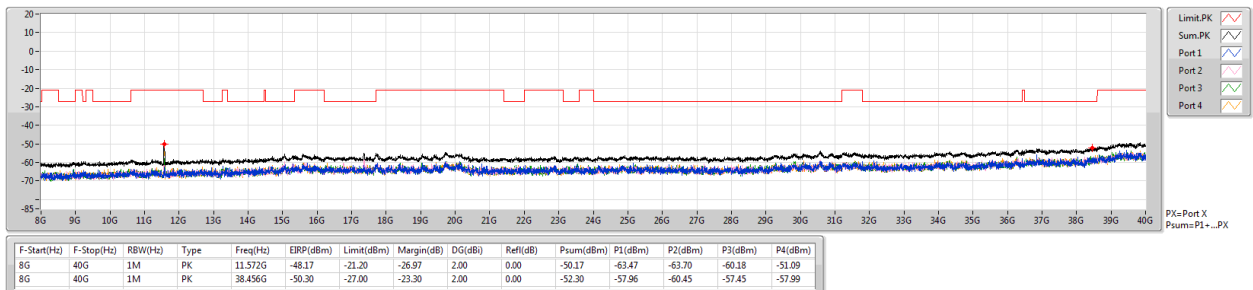
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5785MHz

CSE-PK

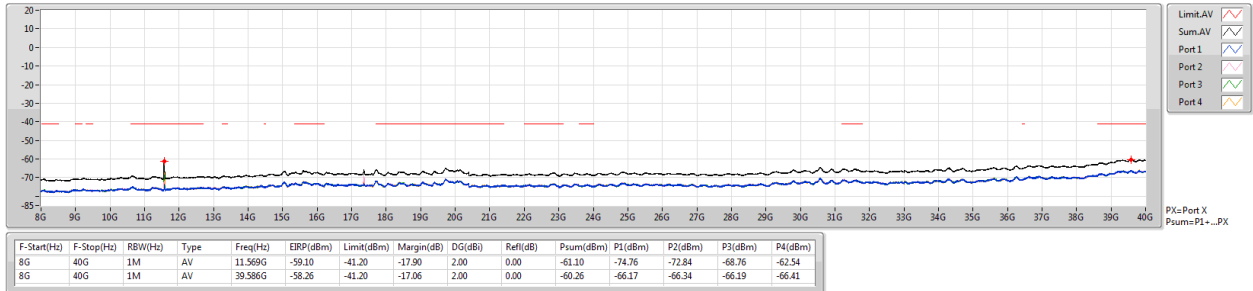
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5785MHz

CSE-AV

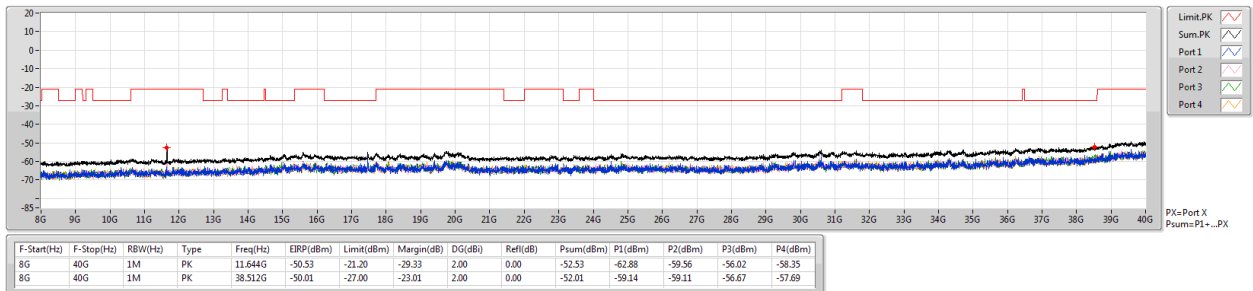
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5825MHz

CSE-PK

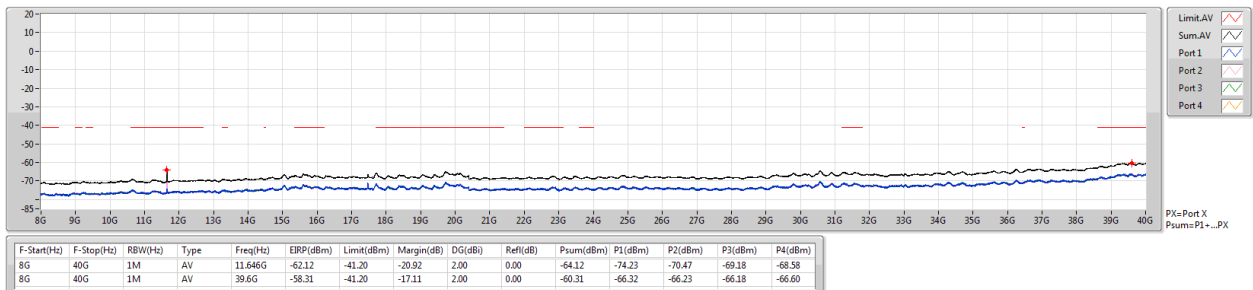
08/12/2018



802.11ac VHT20_Nss1,(MCS0)_4TX 5825MHz

CSE-AV

08/12/2018

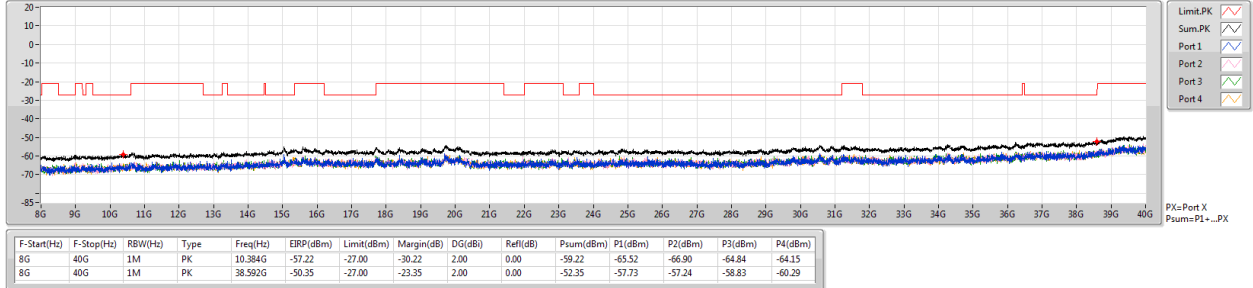


802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz

CSE-PK

08/12/2018

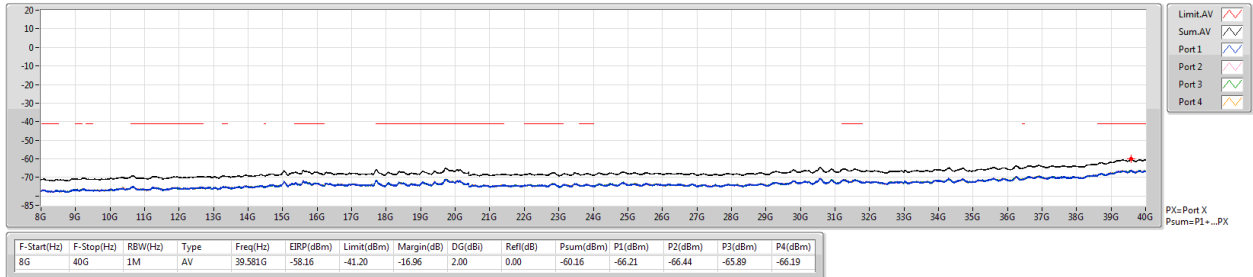


802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz

CSE-AV

08/12/2018

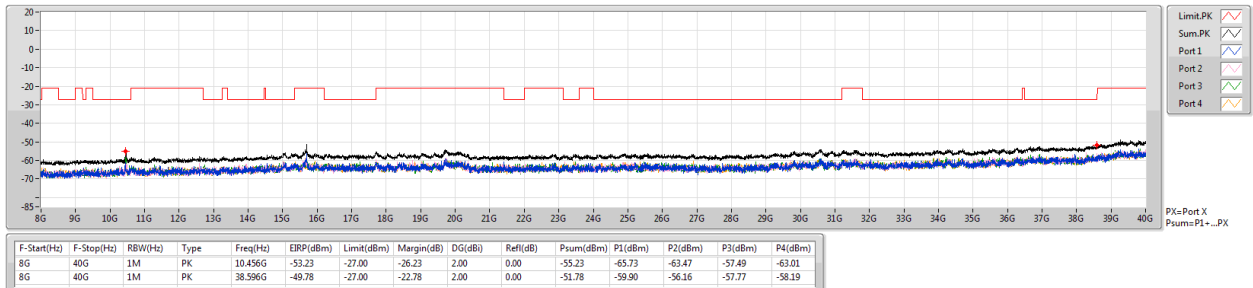


802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz

CSE-PK

08/12/2018

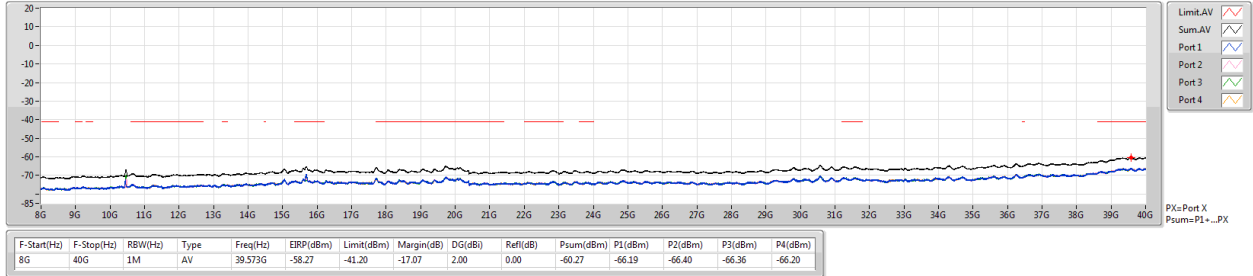


802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz

CSE-AV

08/12/2018

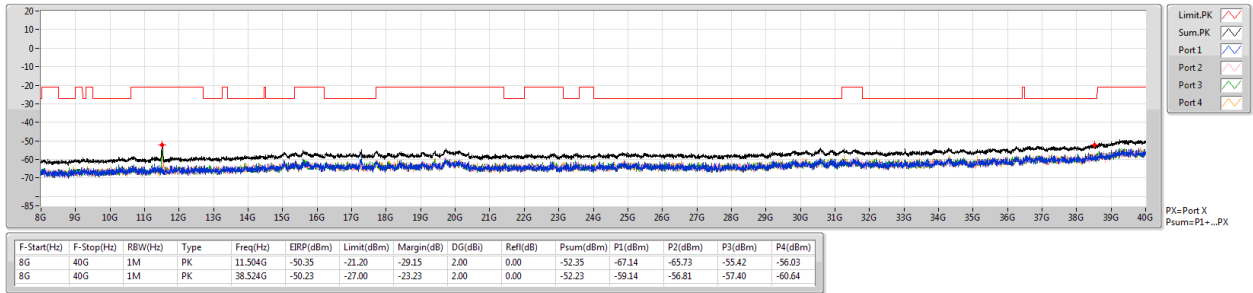


802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz

CSE-PK

08/12/2018

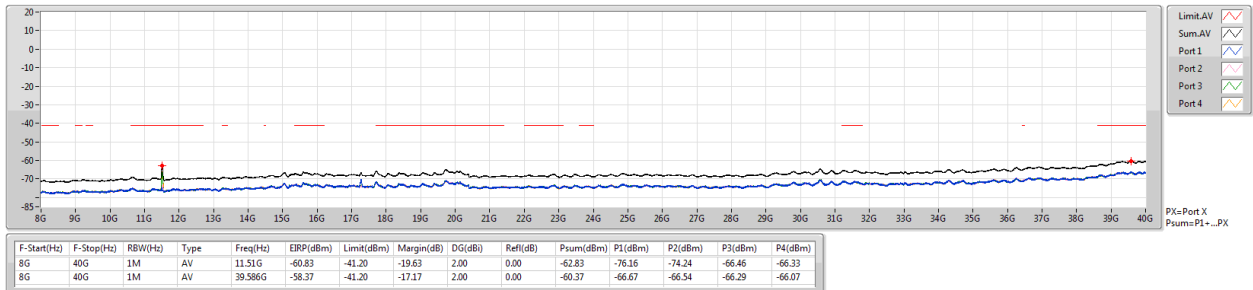


802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz

CSE-AV

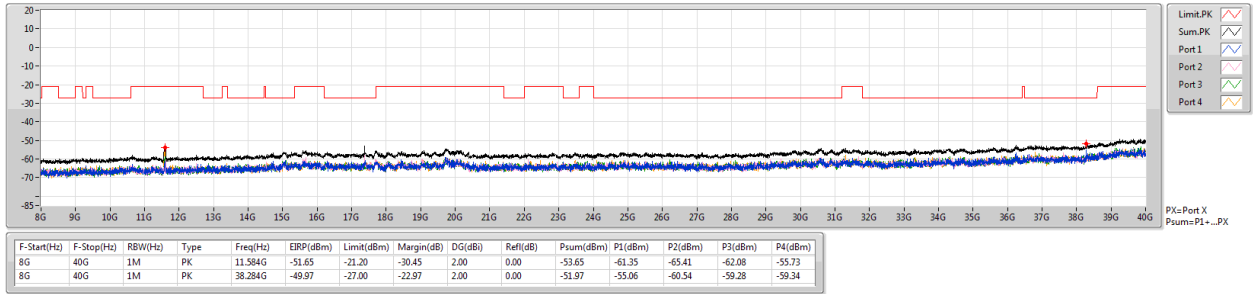
08/12/2018



802.11ac VHT40_Nss1,(MCS0)_4TX 5795MHz

CSE-PK

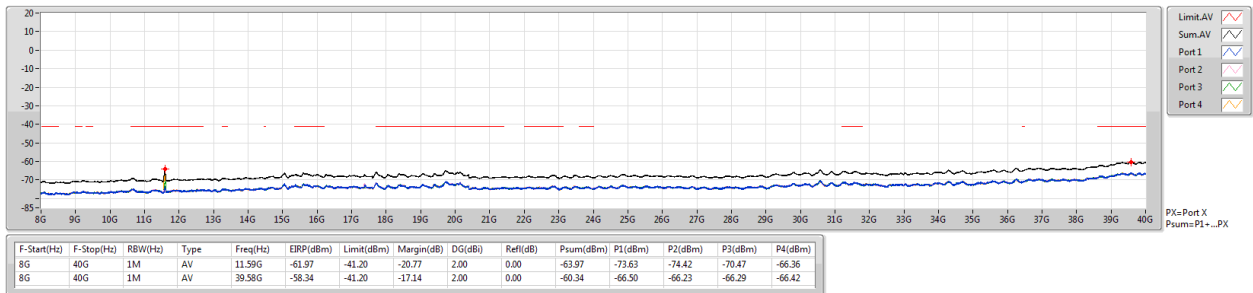
08/12/2018



802.11ac VHT40_Nss1,(MCS0)_4TX 5795MHz

CSE-AV

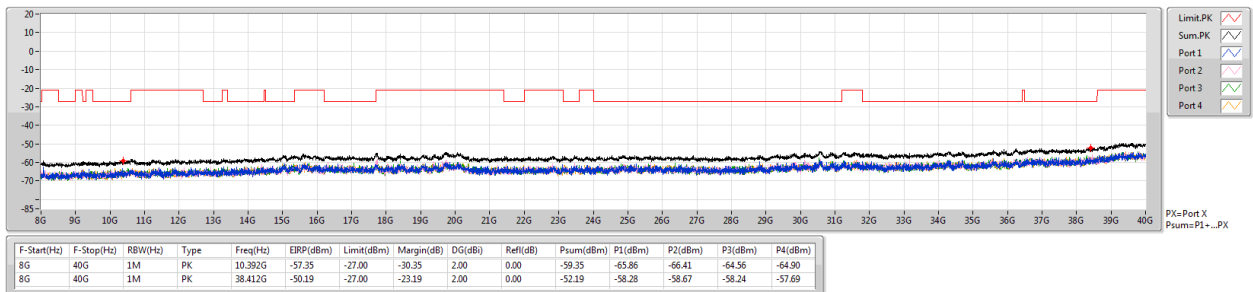
08/12/2018



802.11ac VHT80_Nss1,(MCS0)_4TX 5210MHz

CSE-PK

08/12/2018

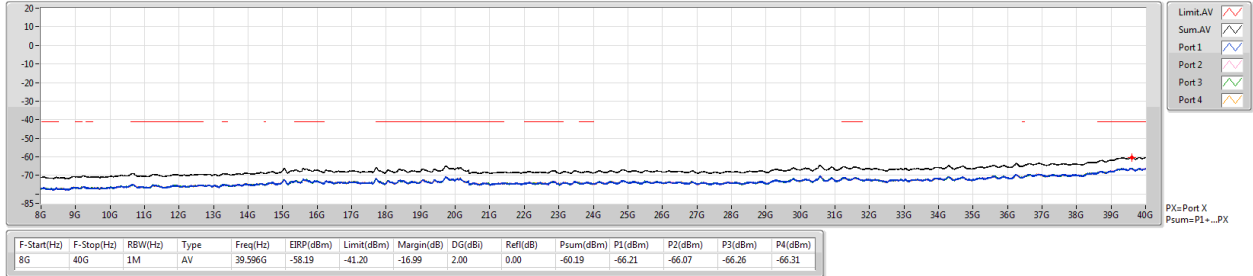


802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz

CSE-AV

08/12/2018

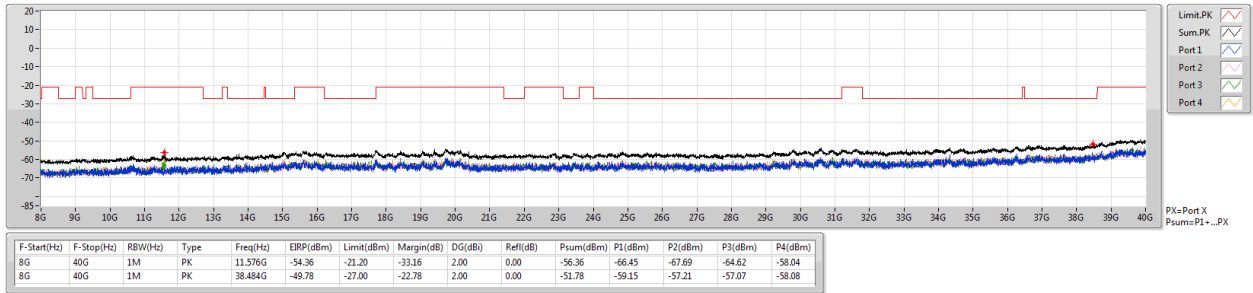


802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz

CSE-PK

08/12/2018

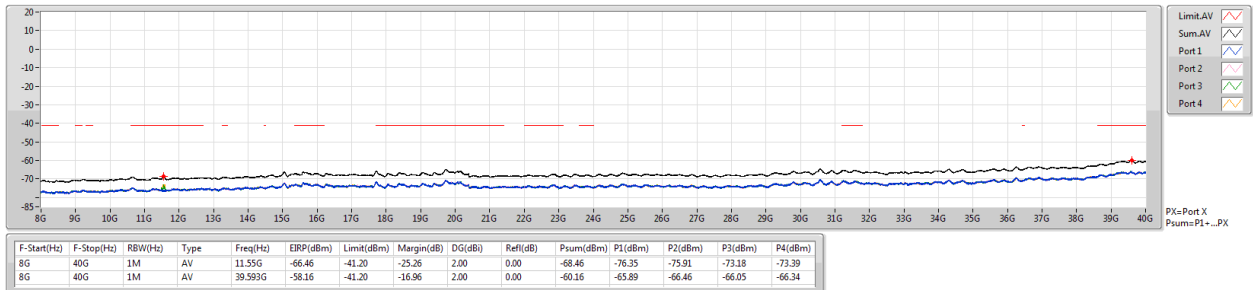


802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz

CSE-AV

08/12/2018

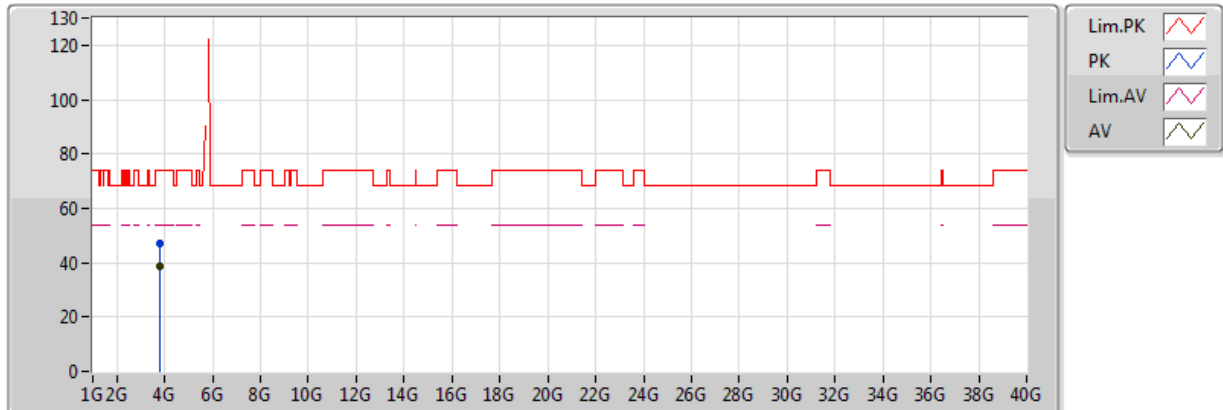


For Cabinet:
For Set 1 antenna:

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

04/09/2018



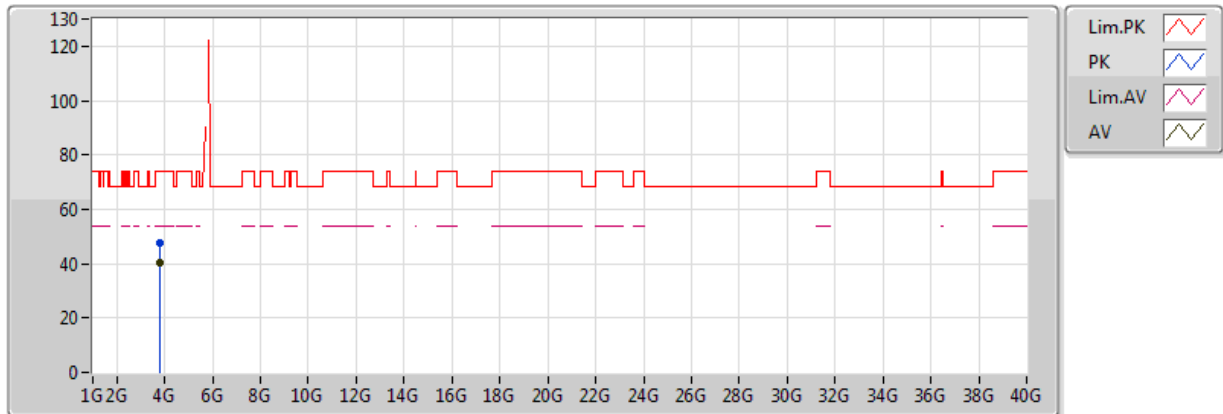
EUT Y_4TX
Setting 12
01-E-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	3.83009G	46.90	74.00	-27.10	2.14	3	Vertical	187	1.53	-
AV	3.82998G	38.70	54.00	-15.30	2.14	3	Vertical	187	1.53	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

04/09/2018



EUT Y_4TX
Setting 12
01-E-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	3.82992G	47.62	74.00	-26.38	2.14	3	Horizontal	124	1.59	-
AV	3.82999G	40.27	54.00	-13.73	2.14	3	Horizontal	124	1.59	-



TX above 1GHz Result

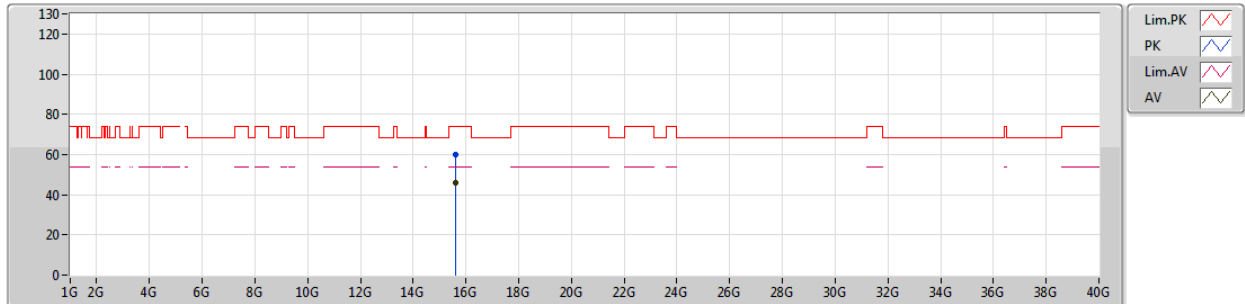
Appendix E.2

For Set 2 antenna:

802.11ac VHT20_Nss1,(MCS0)_4TX

10/12/2018

5200MHz_TX



EUT Y_4TX
Setting 25
04-B-1
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments						
PK	15.60444G	59.94	74.00	-14.06	15.98	3	Vertical	335	1.50	-						
AV	15.60096G	46.16	54.00	-7.84	15.97	3	Vertical	335	1.50	-						



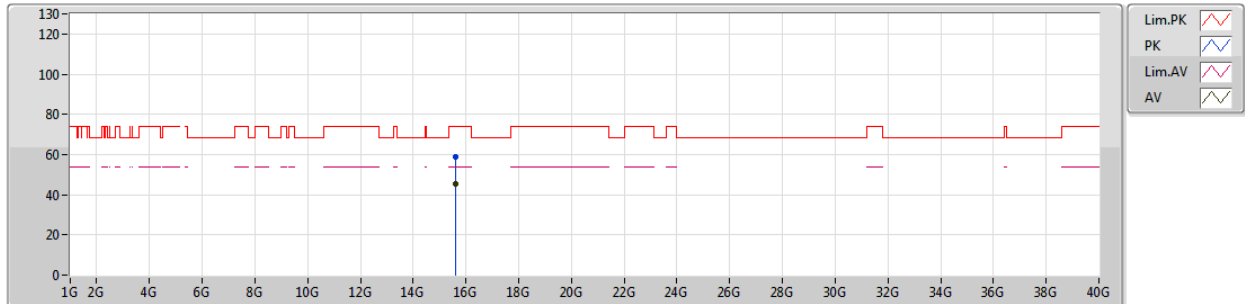
TX above 1GHz Result

Appendix E.2

802.11ac VHT20_Nss1,(MCS0)_4TX

10/12/2018

5200MHz_TX



EUT_Y_4TX
Setting 25
04-B-1
FSP(100142)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments								
PK	15.6015G	58.95	74.00	-15.05	15.97	3	Horizontal	241	1.50	-								
AV	15.59574G	45.13	54.00	-8.87	15.97	3	Horizontal	241	1.50	-								