

Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Wireless Repeater/AP

Test Model: E0382

Environmental Conditions

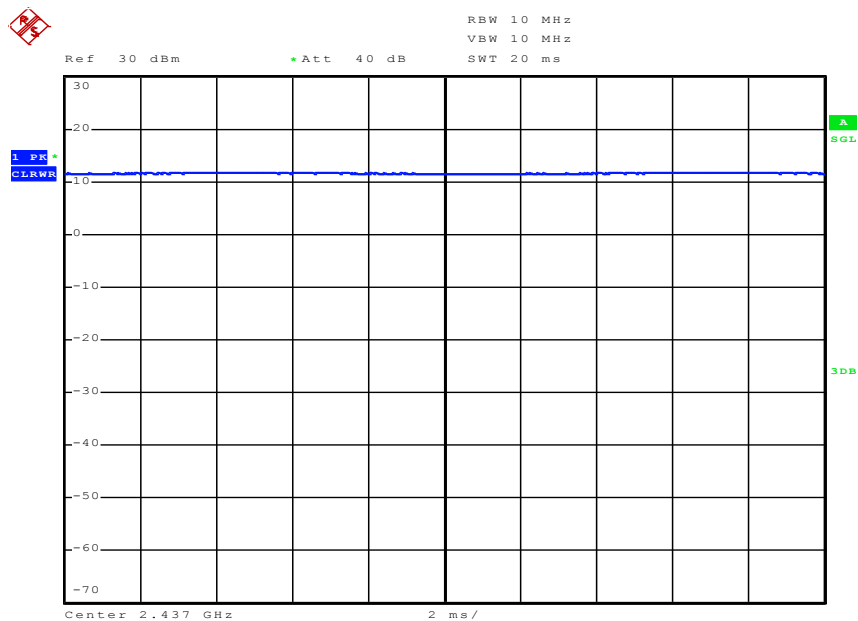
Temperature:	24.4°C
Relative Humidity:	54.4%
ATM Pressure:	100.0 kPa
Test Engineer:	David Luo
Supervised by:	Wang Chuang

A.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_1	100	PASS
11G	2437	Ant_1	100	PASS
11N20	2437	Ant_1	100	PASS
11N40	2437	Ant_1	100	PASS

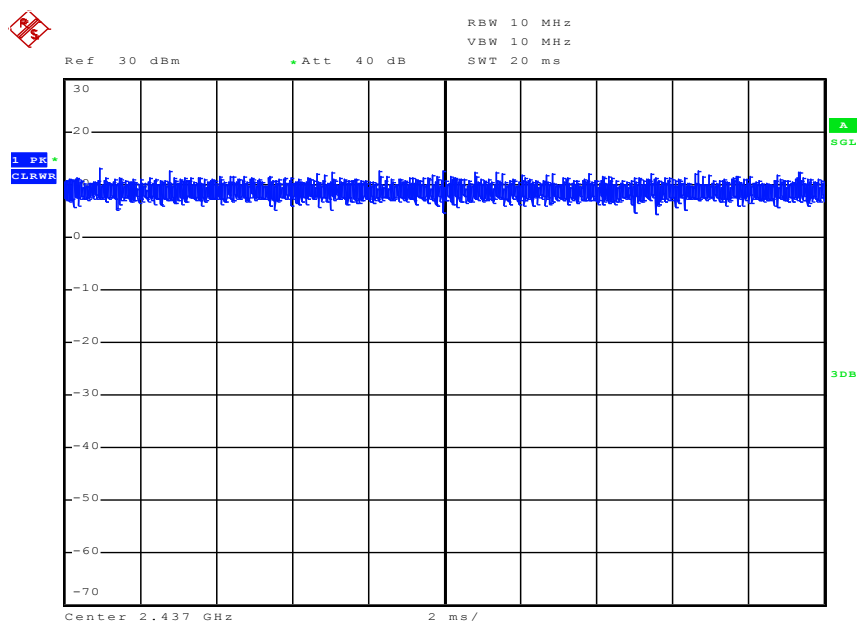
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_2	100	PASS
11G	2437	Ant_2	100	PASS
11N20	2437	Ant_2	100	PASS
11N40	2437	Ant_2	100	PASS

Duty Cycle_11B_2437_Ant_1



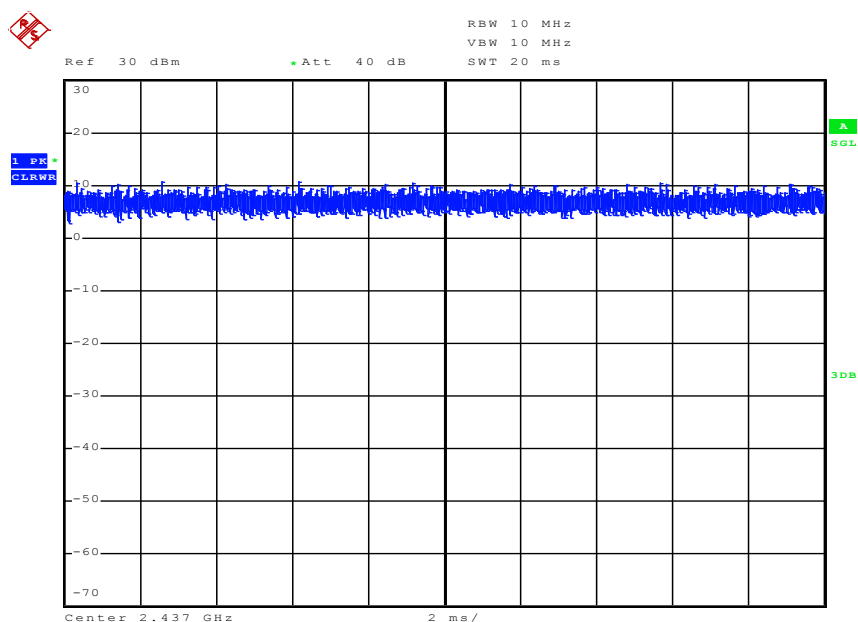
Date: 30.SEP.2019 18:50:18

Duty Cycle_11G_2437_Ant_1



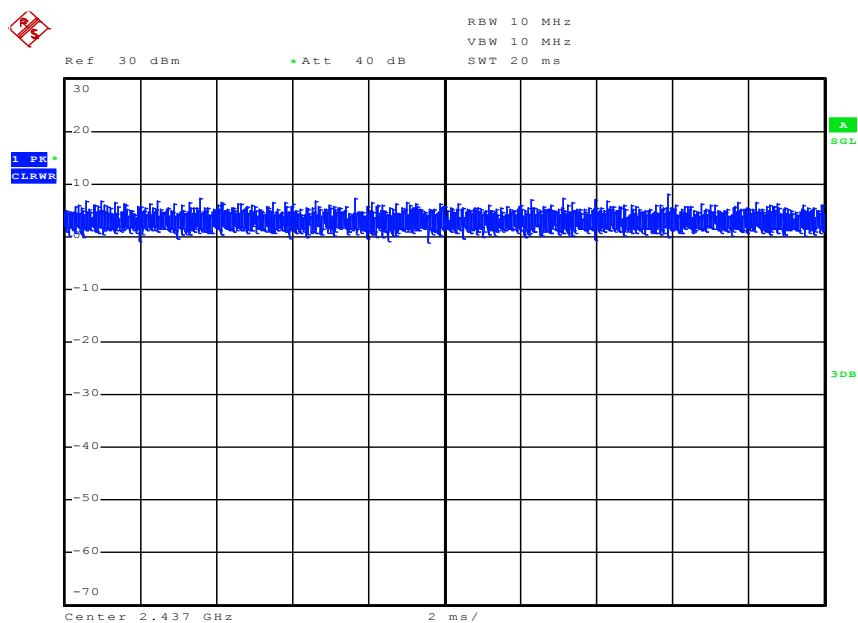
Date: 30.SEP.2019 18:51:02

Duty Cycle_11N20_2437_Ant_1



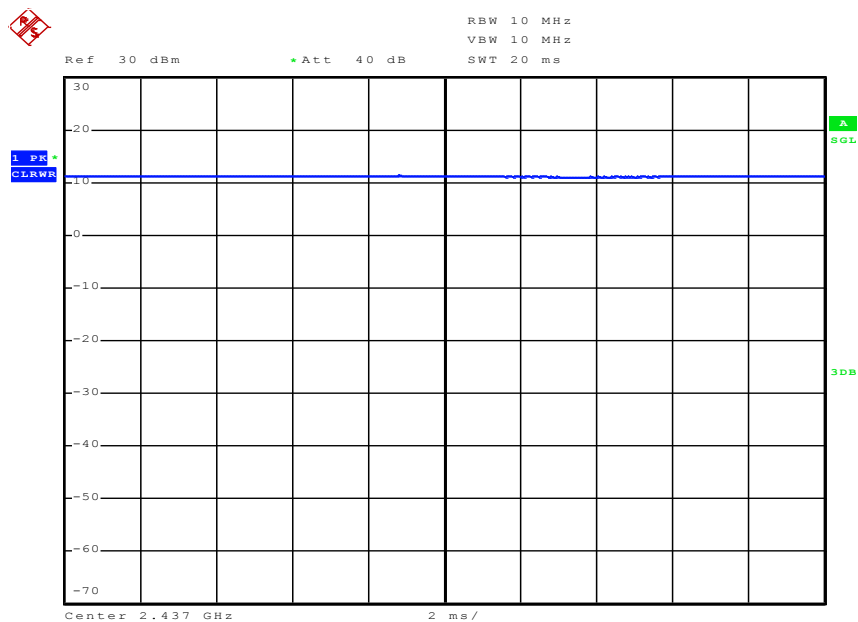
Date: 30.SEP.2019 18:51:38

Duty Cycle_11N40_2437_Ant_1



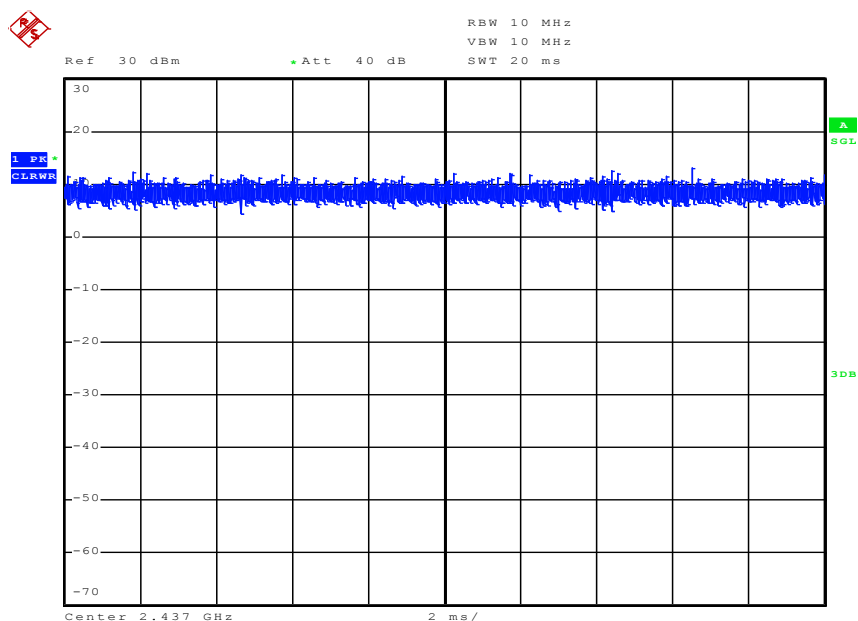
Date: 30.SEP.2019 18:52:19

Duty Cycle_11B_2437_Ant_2



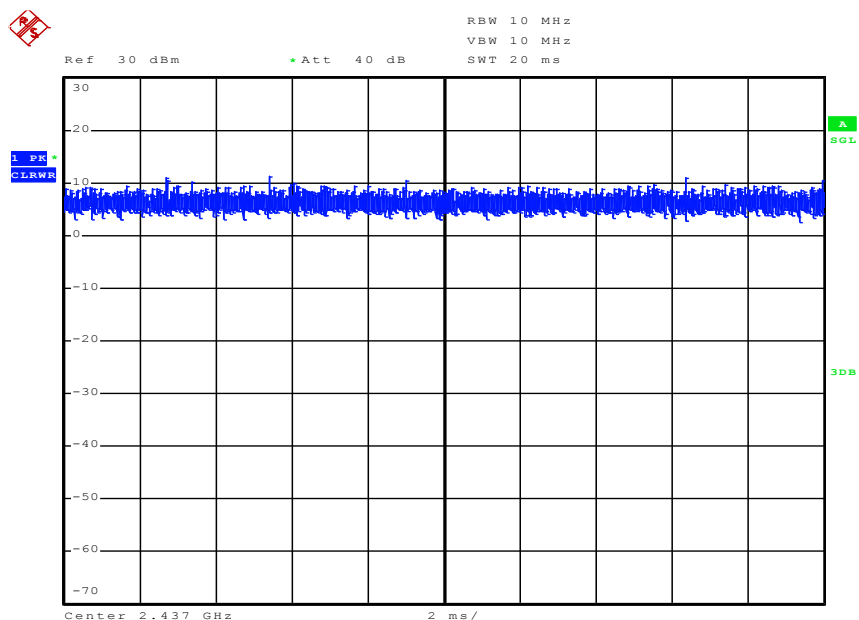
Date: 30.SEP.2019 19:35:18

Duty Cycle_11G_2437_Ant_2



Date: 30.SEP.2019 19:35:53

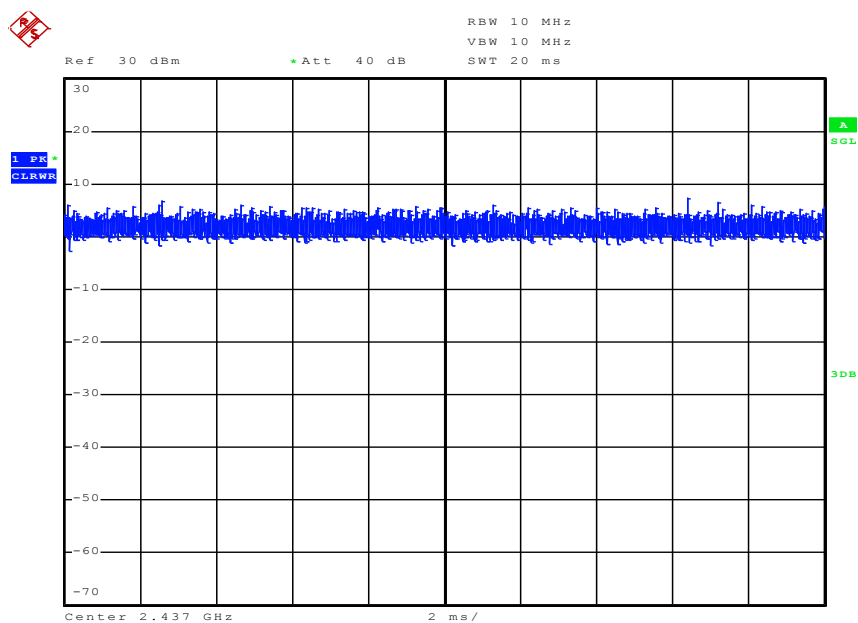
Duty Cycle_11N20_2437_Ant_2



Date: 30.SEP.2019 19:36:26

S

Duty Cycle_11N40_2437_Ant_2



Date: 30.SEP.2019 19:37:00

A.2 Maximum Conducted Output Power

Mode	Channel	Meas.Level [dBm]			Limit [dBm]	Verdict
		Ant_1	Ant_2	Sum		
11B	LCH	19.36	19.03	/	30	PASS
	MCH	19.68	19.15	/	30	PASS
	HCH	19.35	18.82	/	30	PASS
11G	LCH	21.8	20.8	/	30	PASS
	MCH	21.61	21.14	/	30	PASS
	HCH	21.44	20.93	/	30	PASS
11N20	LCH	19.44	18.89	22.18	27.99	PASS
	MCH	19.34	19.07	22.22	27.99	PASS
	HCH	19.37	18.9	22.15	27.99	PASS
11N40	LCH	19.5	19.08	22.31	27.99	PASS
	MCH	18.6	18.26	21.44	27.99	PASS
	HCH	18.58	17.97	21.30	27.99	PASS

A.3 Maximum Power Spectral Density

Ant_1

Mode	Channel	Meas.Level [dBm/30KHz]	Convert Factor	Result [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	3.080	-10	-6.920	8	PASS
	MCH	3.820	-10	-6.180	8	PASS
	HCH	3.530	-10	-6.470	8	PASS
11G	LCH	-2.200	-10	-12.200	8	PASS
	MCH	-1.710	-10	-11.710	8	PASS
	HCH	-2.240	-10	-12.240	8	PASS
11N20	LCH	-4.510	-10	-14.510	8	PASS
	MCH	-3.640	-10	-13.640	8	PASS
	HCH	-4.300	-10	-14.30	8	PASS
11N40	LCH	-8.660	-10	-18.660	8	PASS
	MCH	-5.940	-10	-15.940	8	PASS
	HCH	-6.090	-10	-16.090	8	PASS

***Note: The Convert Factor = $10 \cdot \log(3\text{KHz}/30\text{KHz}) = -10$

Ant_2

Mode	Channel	Meas.Level [dBm/30KHz]	Convert Factor	Result [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	2.980	-10	-7.020	8	PASS
	MCH	3.540	-10	-6.460	8	PASS
	HCH	2.790	-10	-7.210	8	PASS
11G	LCH	-3.100	-10	-13.100	8	PASS
	MCH	-2.300	-10	-12.300	8	PASS
	HCH	-3.140	-10	-13.140	8	PASS
11N20	LCH	-5.160	-10	-15.160	8	PASS
	MCH	-3.870	-10	-13.870	8	PASS
	HCH	-5.010	-10	-15.010	8	PASS
11N40	LCH	-8.360	-10	-18.360	8	PASS
	MCH	-7.020	-10	-17.020	8	PASS
	HCH	-7.030	-10	-17.030	8	PASS

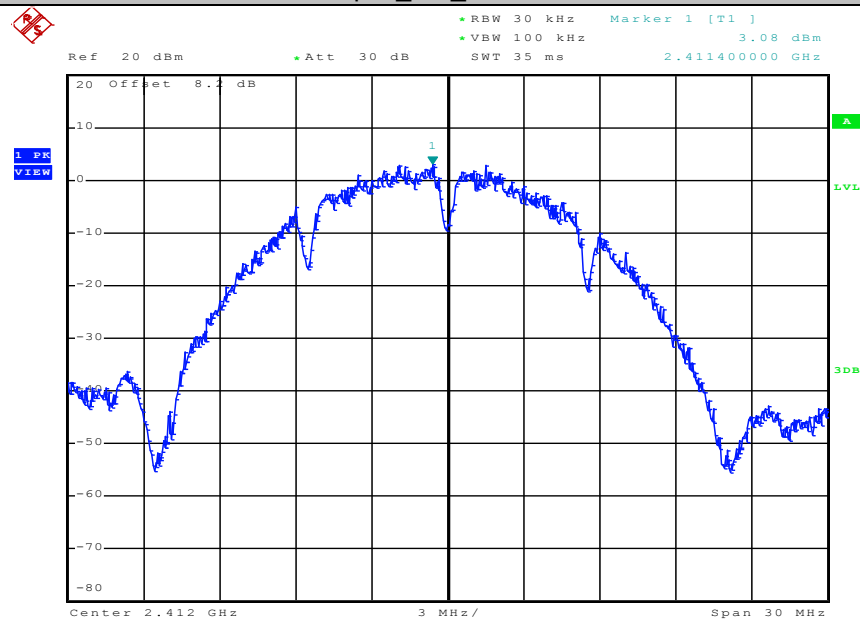
***Note: The Convert Factor = $10 \cdot \log(3\text{KHz}/30\text{KHz}) = -10$

Combined Ant_1 and Ant_2

Mode	Channel	Result [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		Ant_1	Ant_2	Sum		
11N20	LCH	-14.510	-15.160	-11.81	5.99	PASS
	MCH	-13.640	-13.870	-10.74	5.99	PASS
	HCH	-14.30	-15.010	-11.63	5.99	PASS
11N40	LCH	-18.660	-18.360	-15.50	5.99	PASS
	MCH	-15.940	-17.020	-13.44	5.99	PASS
	HCH	-16.090	-17.030	-13.52	5.99	PASS

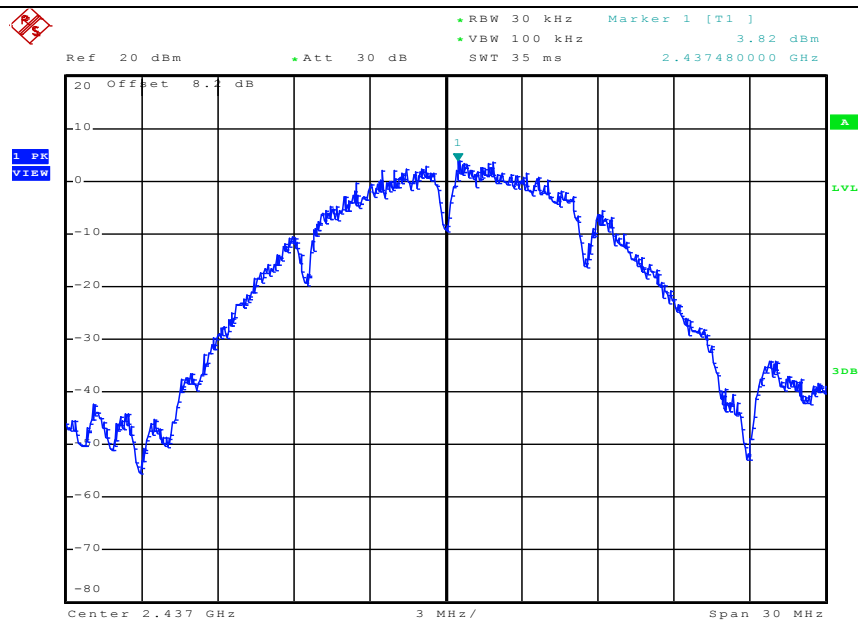
Test Graphs_Ant_1

11B/LCH



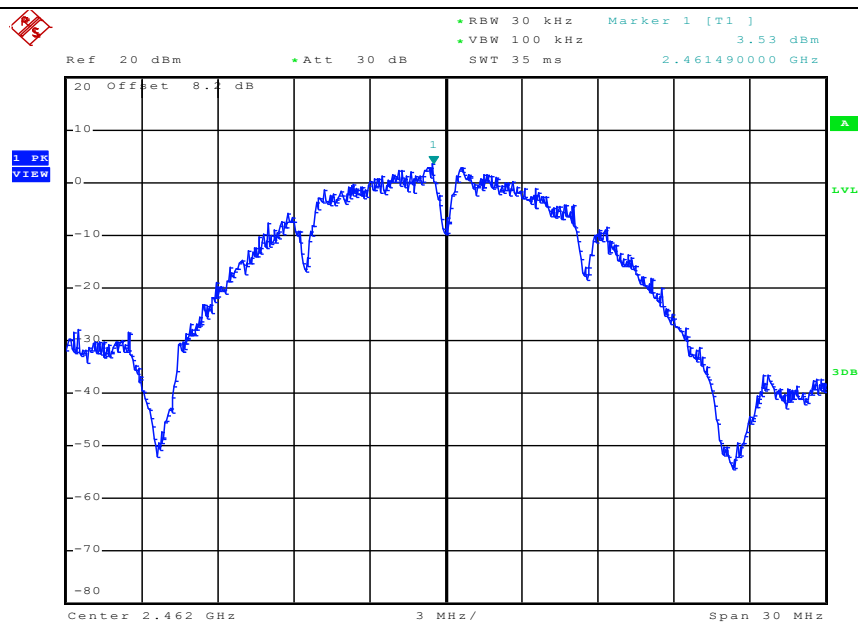
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11B/MCH



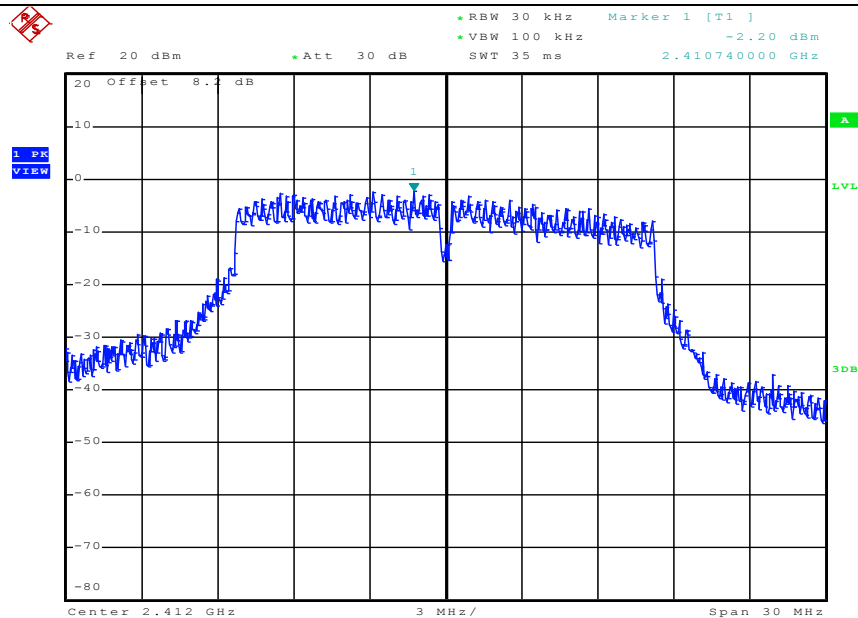
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11B/HCH



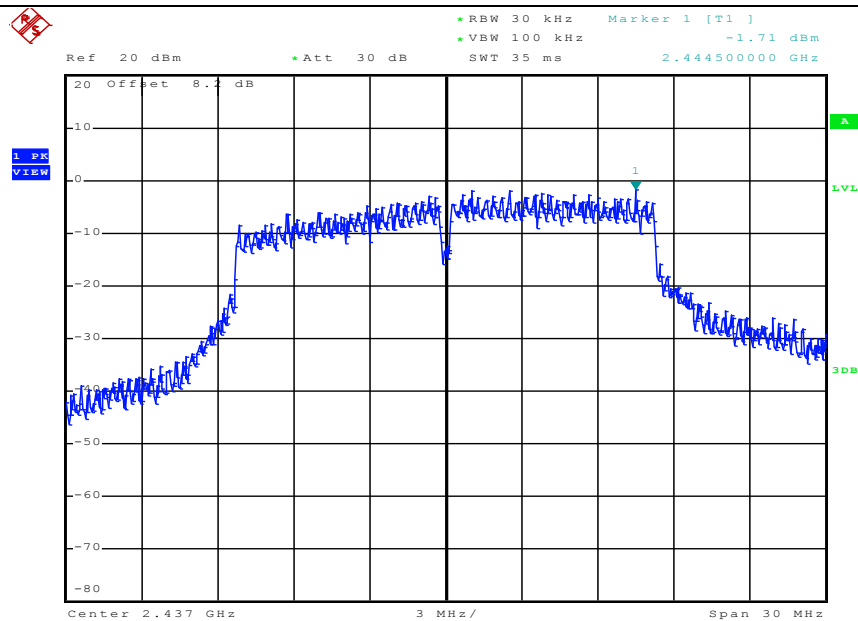
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11G/LCH



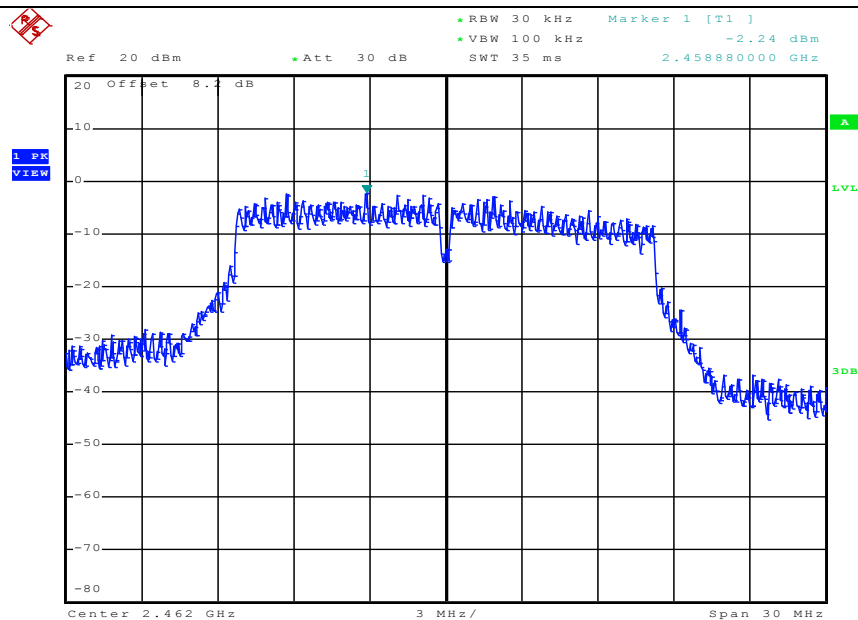
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11G/MCH



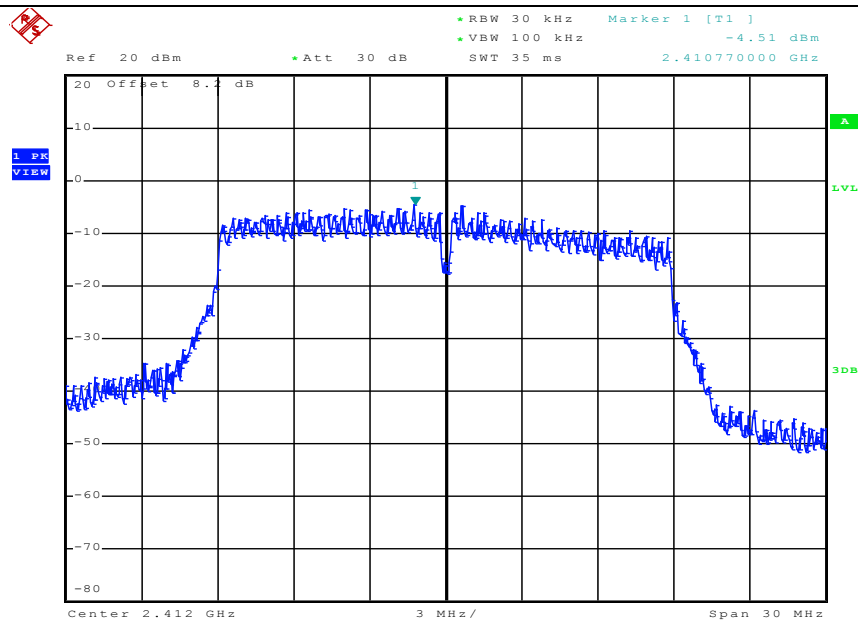
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11G/HCH



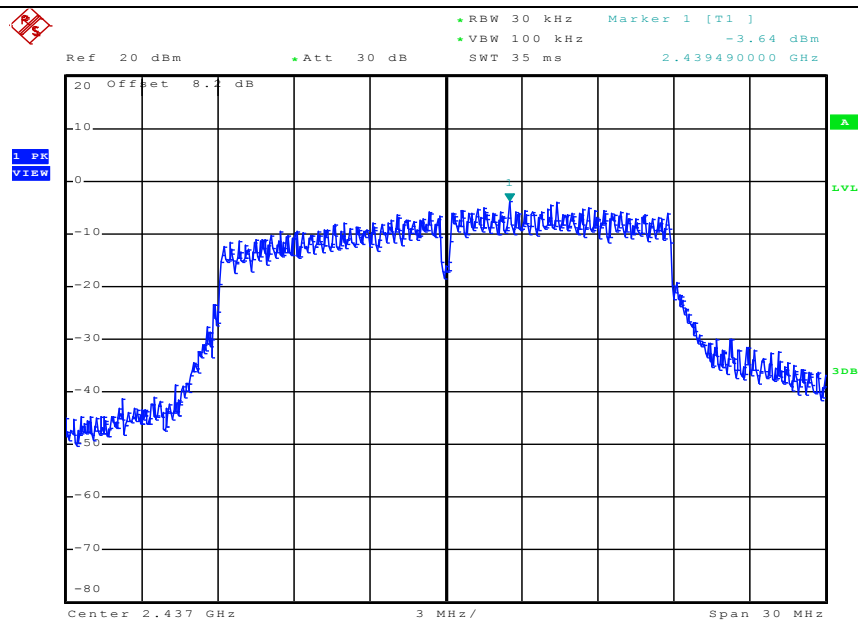
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11N20/LCH



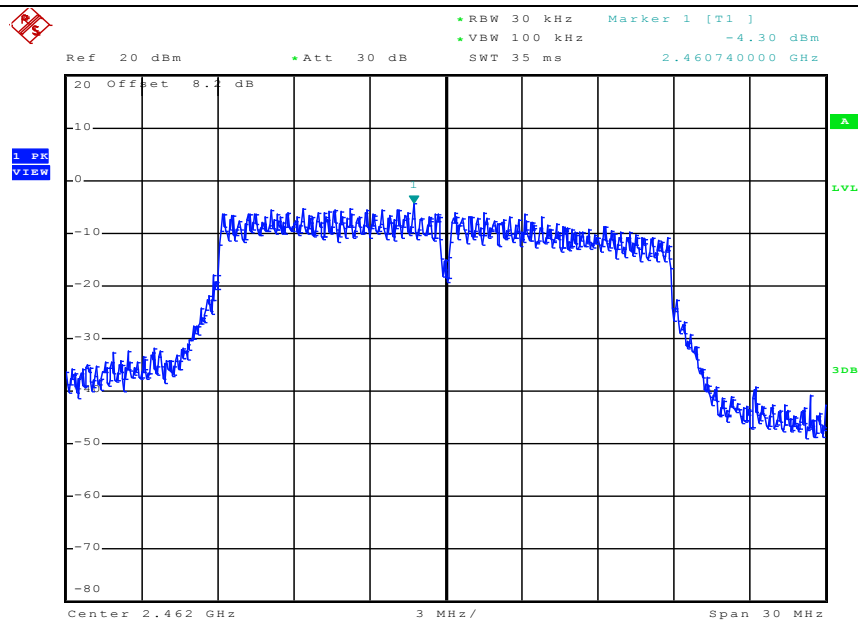
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11N20/MCH



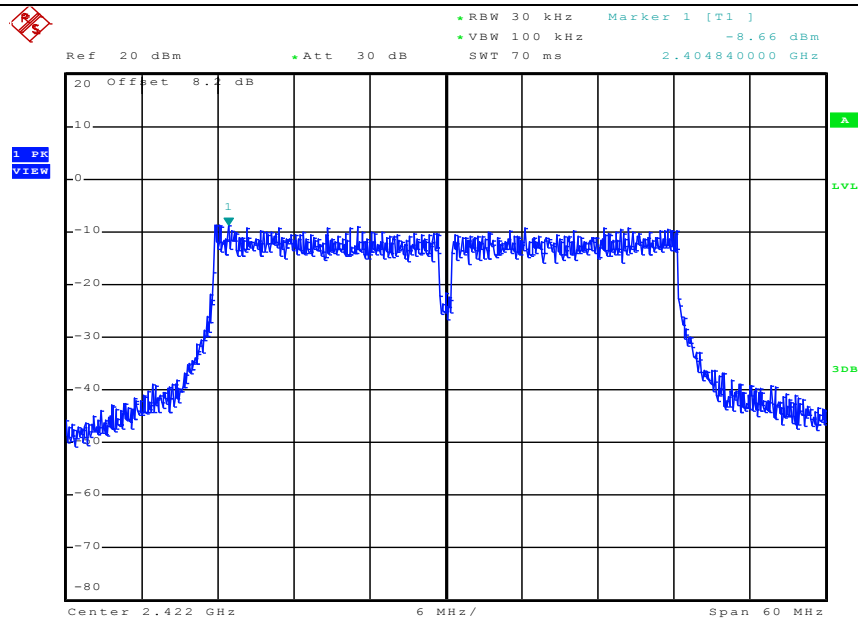
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11N20/HCH



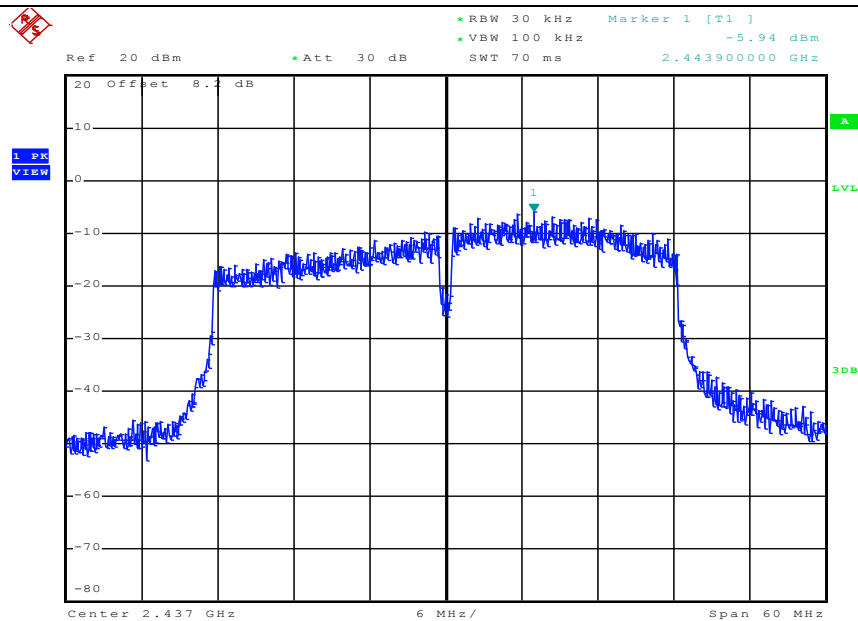
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11N40/LCH



Date: 30.SEP.2019 18:43:31

11N40/MCH

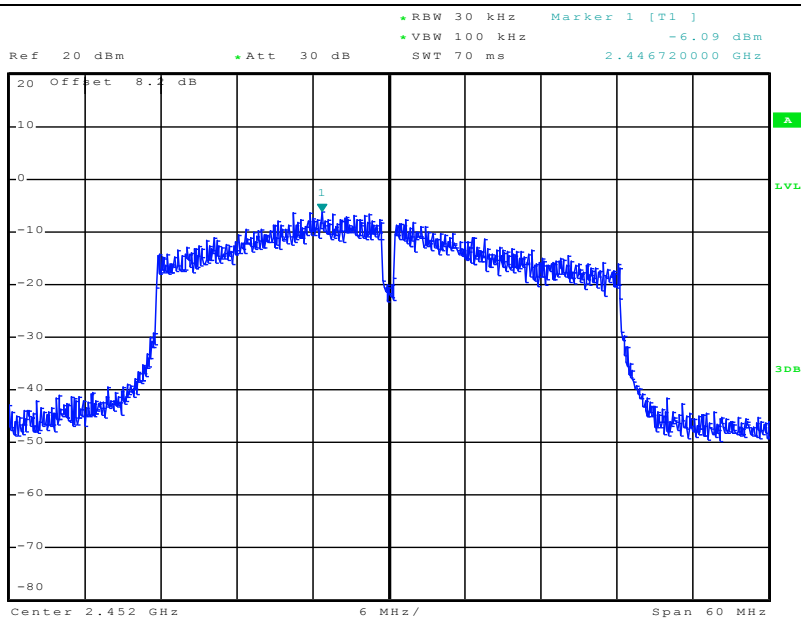


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11N40/HCH



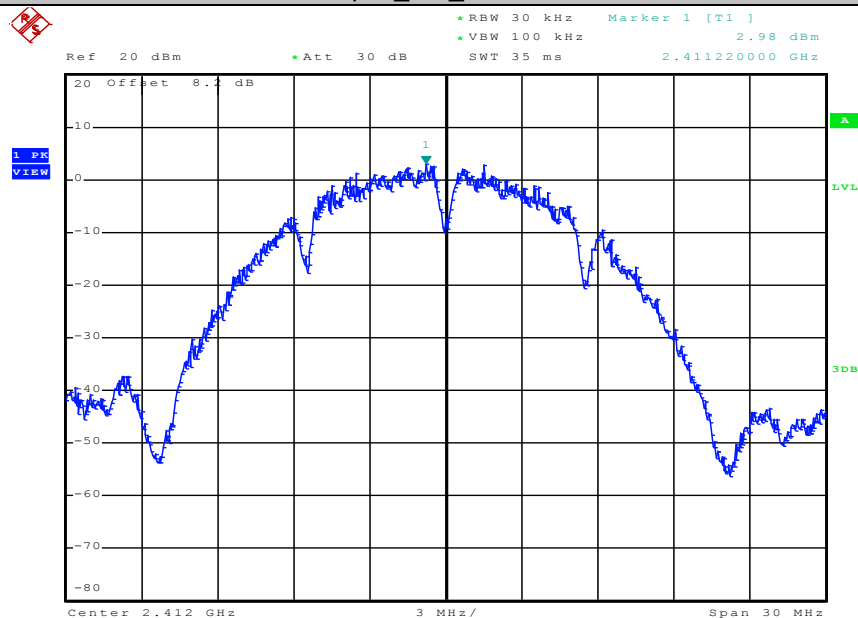
1 PR
VIEW



Date: 30.SEP.2019 18:47:52

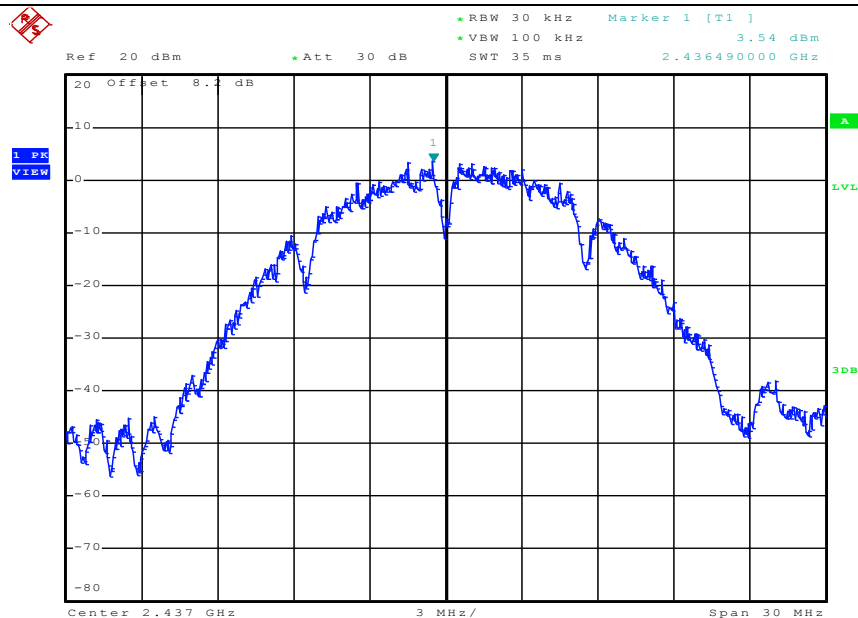
Test Graphs_Ant_2

11B/LCH



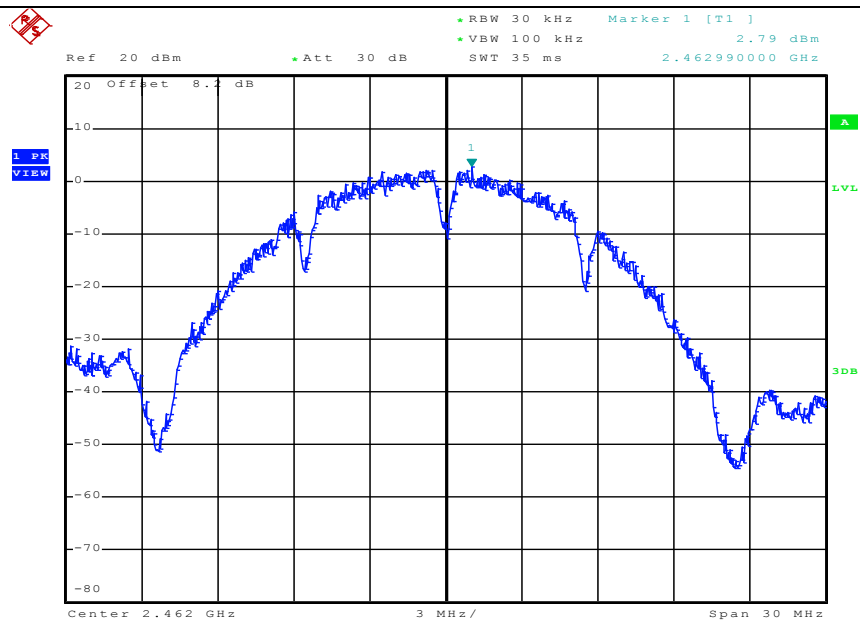
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11B/MCH



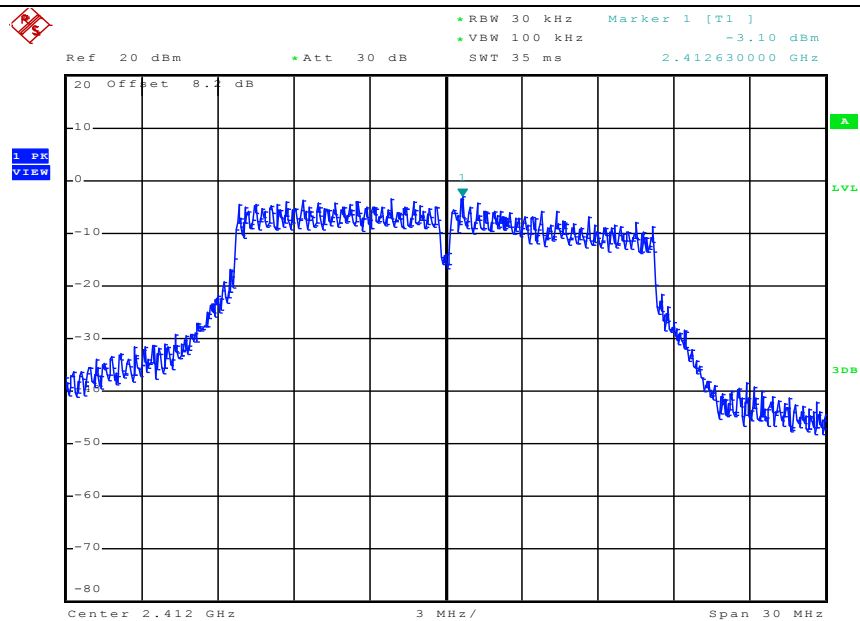
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11B/HCH



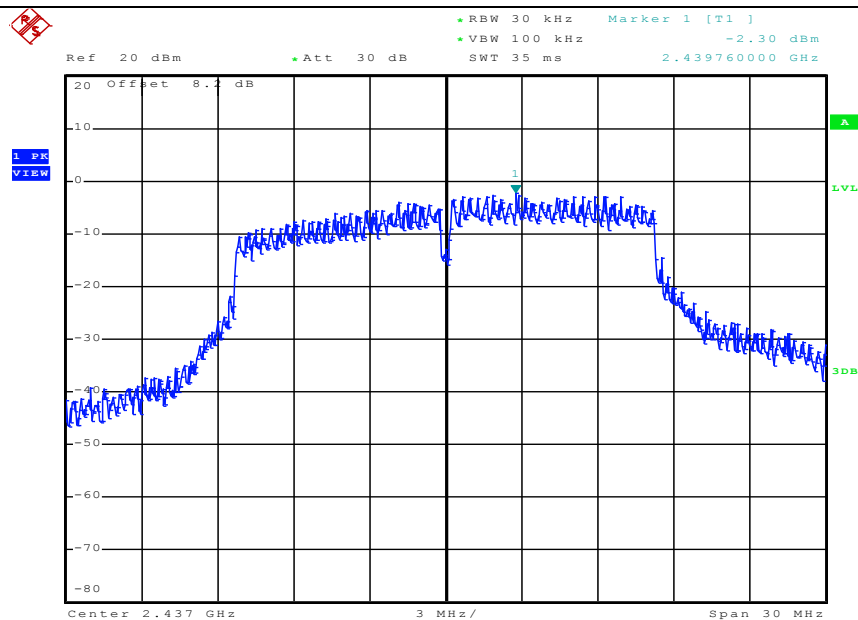
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11G/LCH



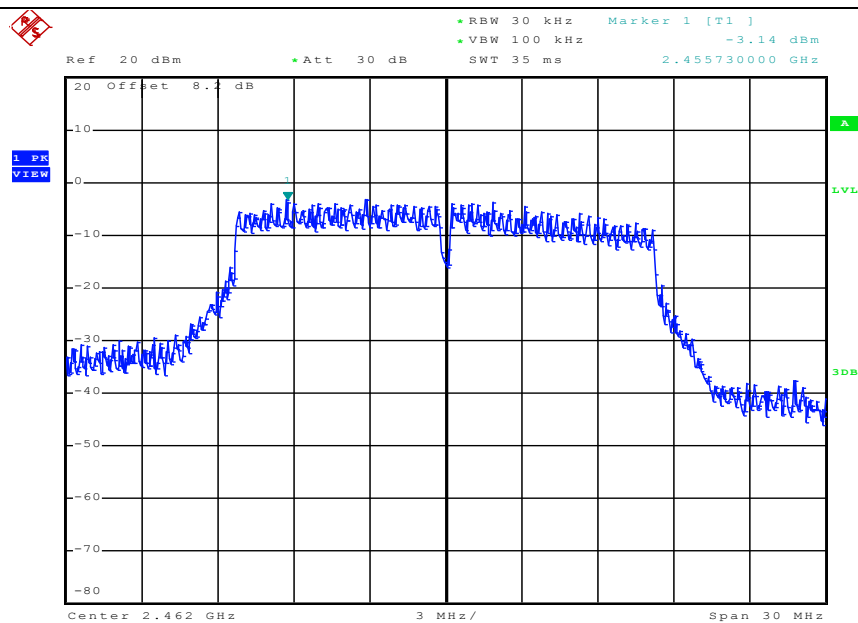
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11G/MCH



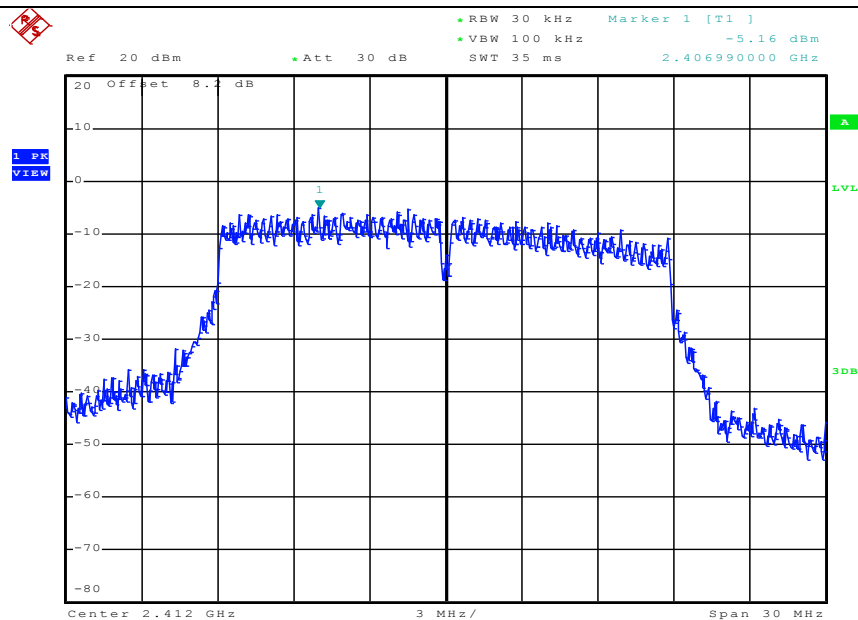
Date: 30.SEP.2019 19:13:04

11G/HCH



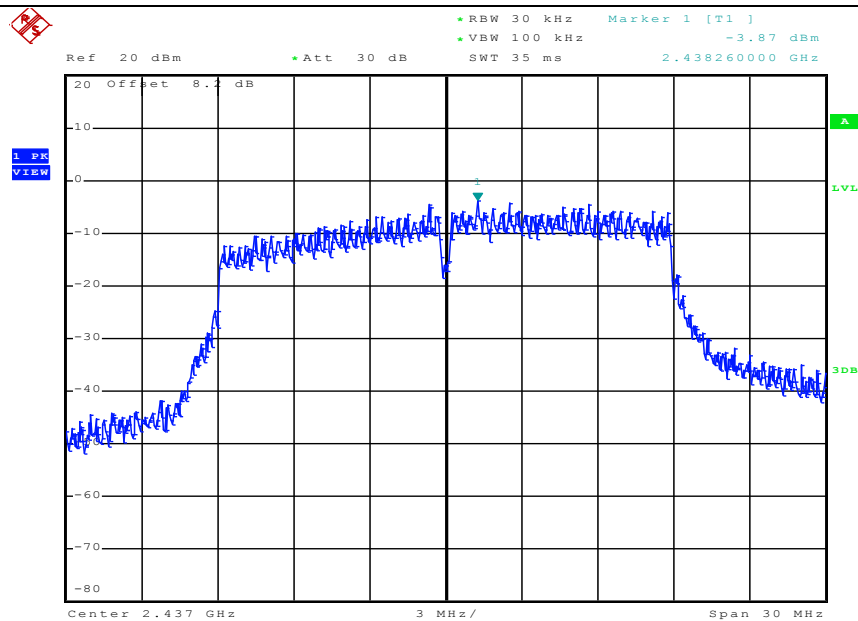
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11N20/LCH



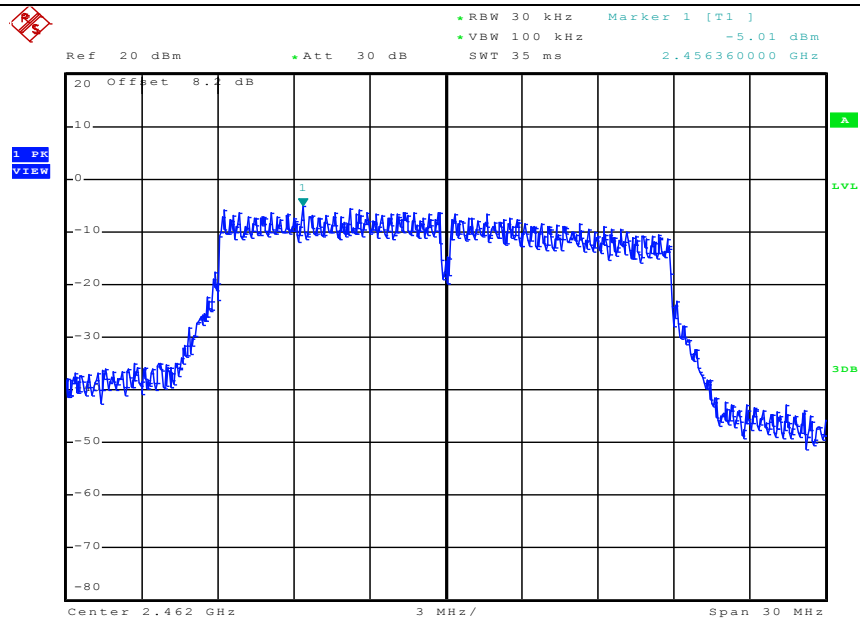
Date: 30.SEP.2019 19:17:34

11N20/MCH



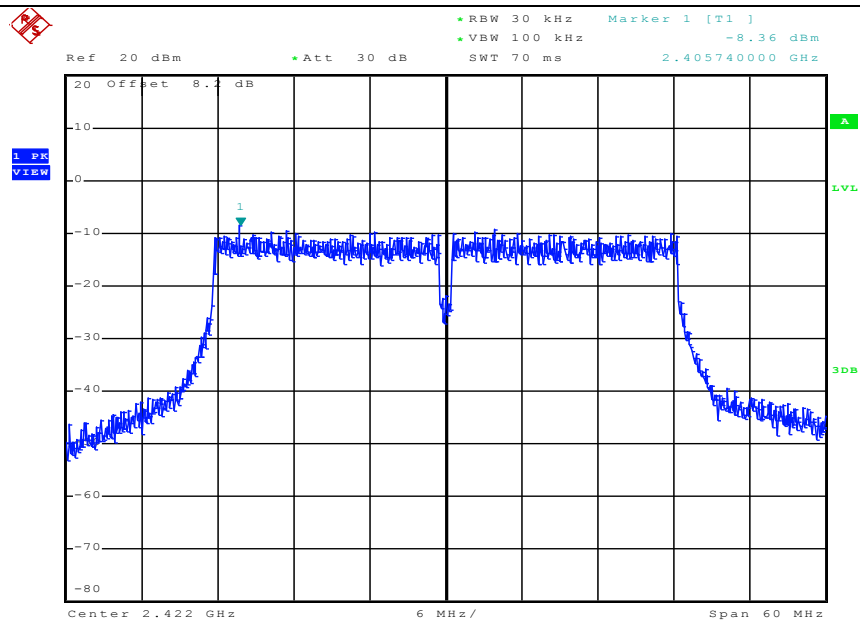
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11N20/HCH



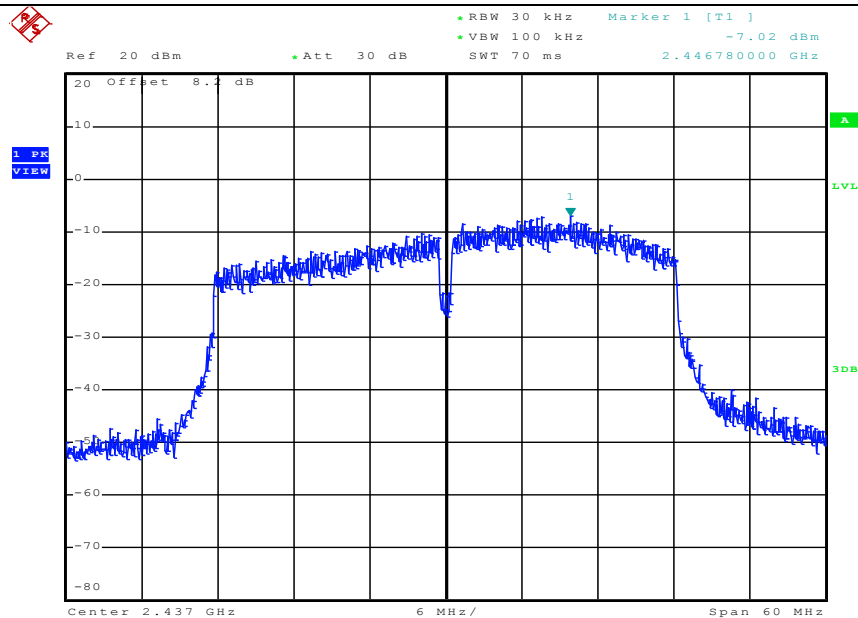
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11N40/LCH



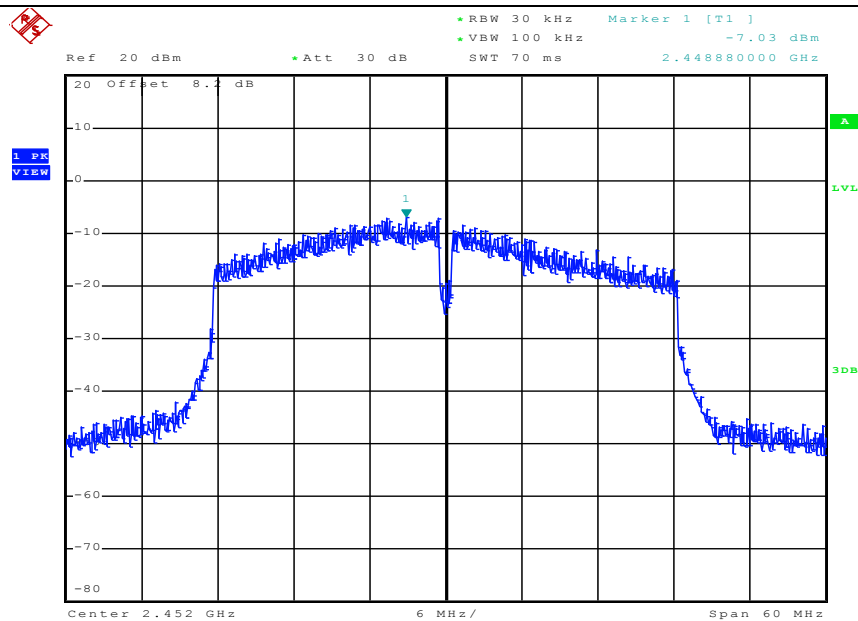
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11N40/MCH



Date: 30.SEP.2019 19:31:05

11N40/HCH



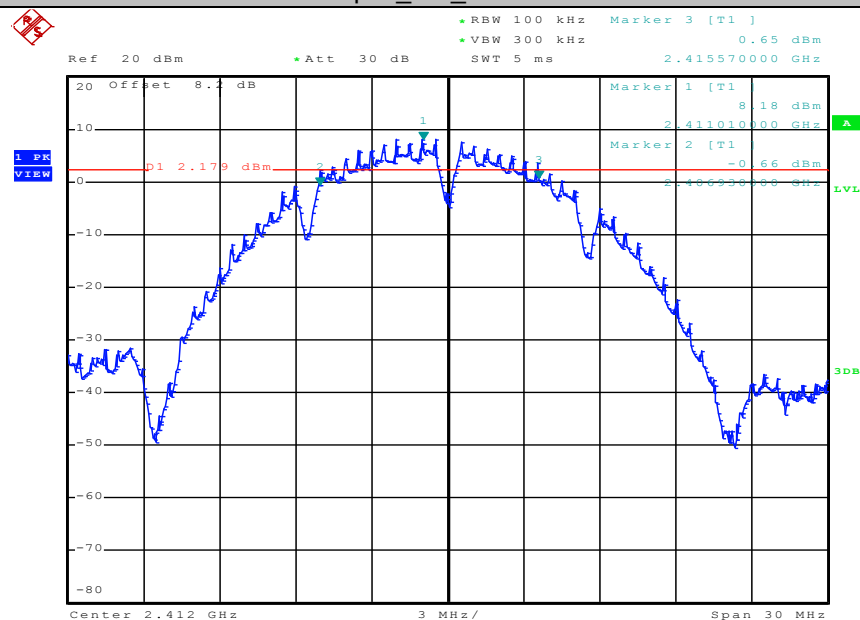
Date: 30.SEP.2019 19:33:21

A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]		Limit [MHz]	Verdict
		Ant_1	Ant_2		
11B	LCH	8.640	8.640	≥ 0.5	PASS
	MCH	8.610	8.100	≥ 0.5	PASS
	HCH	8.610	8.160	≥ 0.5	PASS
11G	LCH	16.170	16.200	≥ 0.5	PASS
	MCH	15.450	15.630	≥ 0.5	PASS
	HCH	16.500	16.500	≥ 0.5	PASS
11N20	LCH	17.340	17.070	≥ 0.5	PASS
	MCH	15.870	15.510	≥ 0.5	PASS
	HCH	17.520	17.730	≥ 0.5	PASS
11N40	LCH	36.720	36.720	≥ 0.5	PASS
	MCH	25.560	27.420	≥ 0.5	PASS
	HCH	22.260	22.320	≥ 0.5	PASS

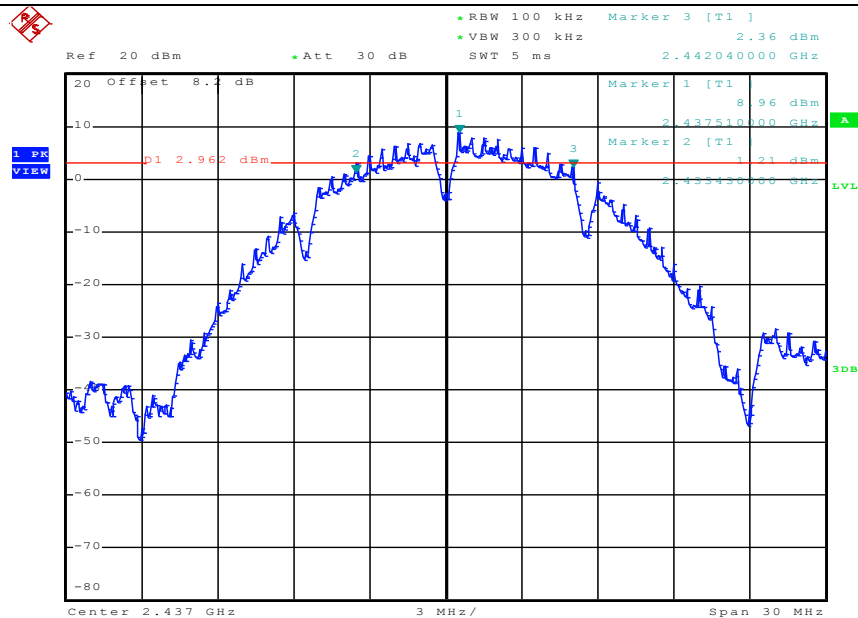
Test Graphs_Ant_1

11B/LCH



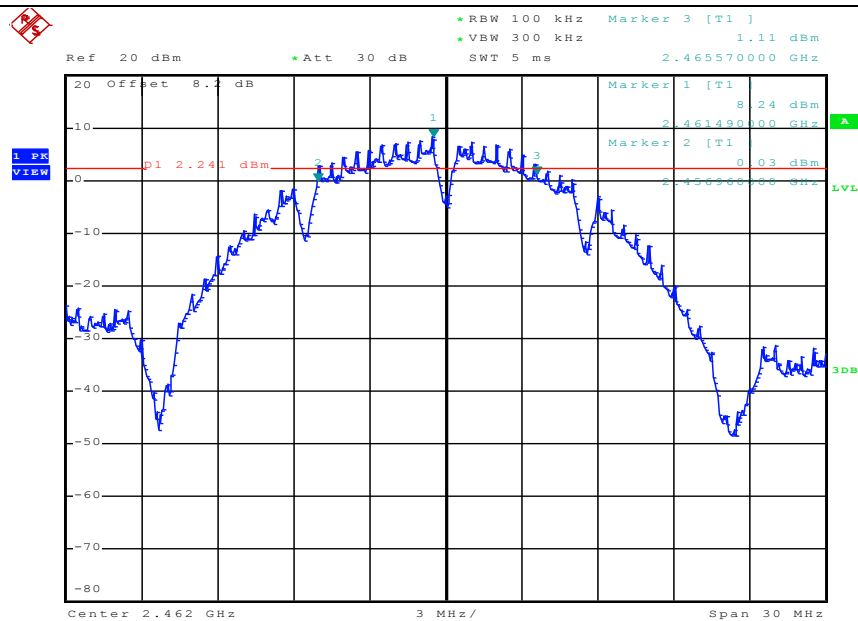
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11B/MCH



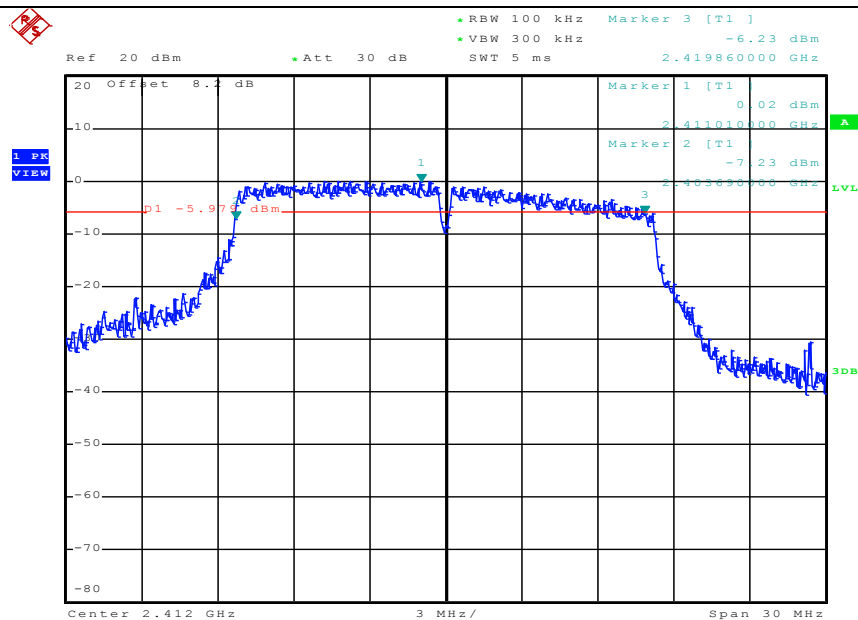
Date: 30.SEP.2019 18:19:37

11B/HCH



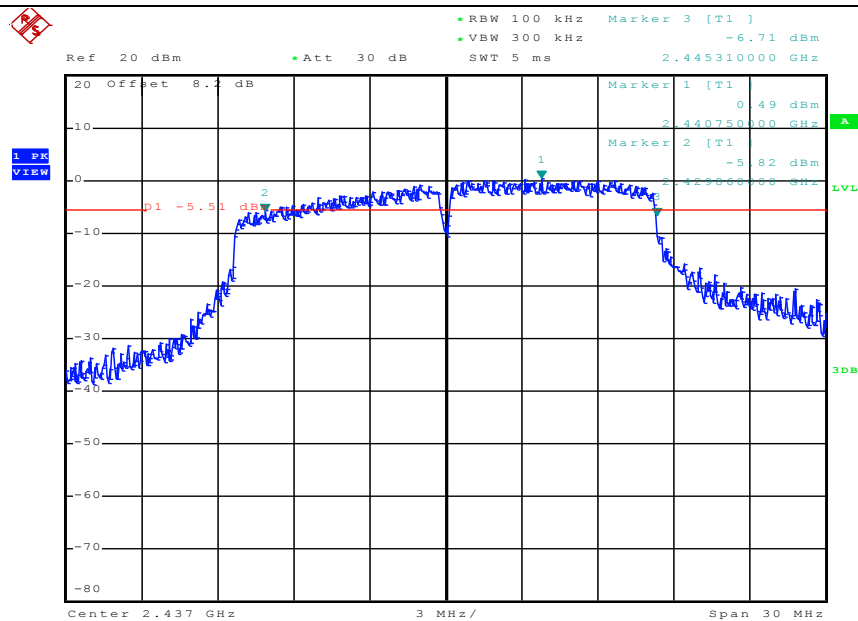
Date: 30.SEP.2019 18:21:24

11G/LCH



Date: 30.SEP.2019 18:27:09

11G/MCH



Date: 30.SEP.2019 18:30:49

RBW 100 kHz VBW 300 kHz Att 30 dB Marker 3 [T1]
 Ref 20 dBm SWT 5 ms 2.470190000 GHz
 1 PR VIEW
 1 [T1] -0.41 dBm 2.469370000 GHz
 2 [T1] -7.25 dBm 2.473360000 GHz
 3 [T1] -7.25 dBm 2.473360000 GHz
 Center 2.462 GHz 3 MHz/ Span 30 MHz
 30 dB

Date: 30.SEP.2019 18:32:35

• RBW 100 kHz Marker 3 [T1] -8.37 dBm
 • VBW 300 kHz
 • SWT 5 ms 2.420400000 GHz

Ref 20 dBm • Att 30 dB

20 Offset 8.2 dB

1 PR VIEW

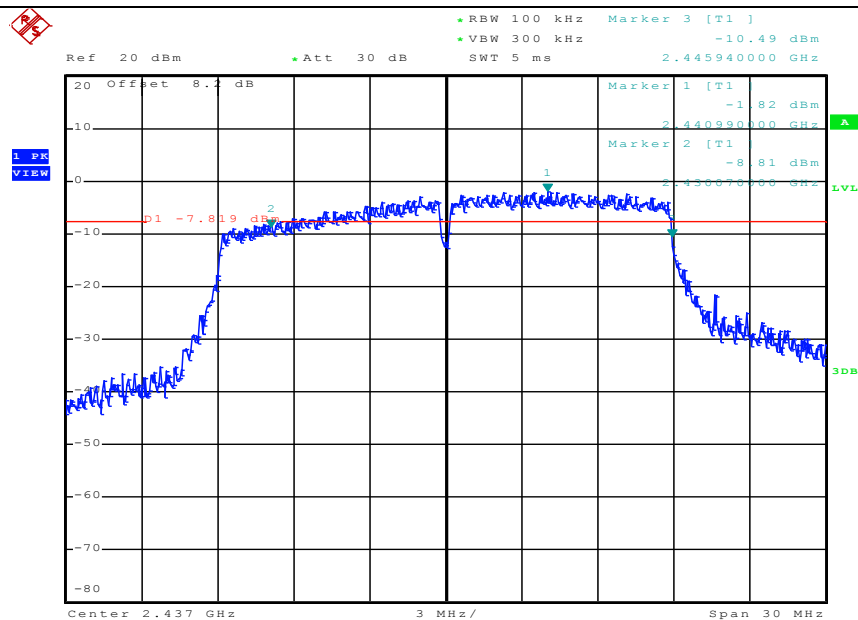
Marker 1 [T1] -2.10 dBm 2.406750000 GHz
 Marker 2 [T1] -9.01 dBm 2.433600000 GHz

D1 -8.007 dBm

Center 2.412 GHz 3 MHz/ Span 30 MHz

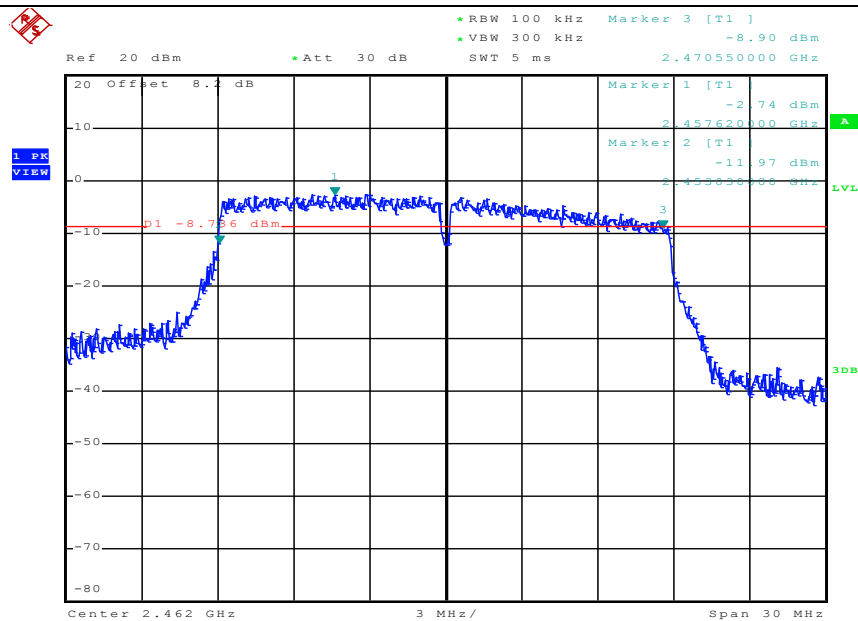
Date: 30.SEP.2019 18:35:14

11N20/MCH



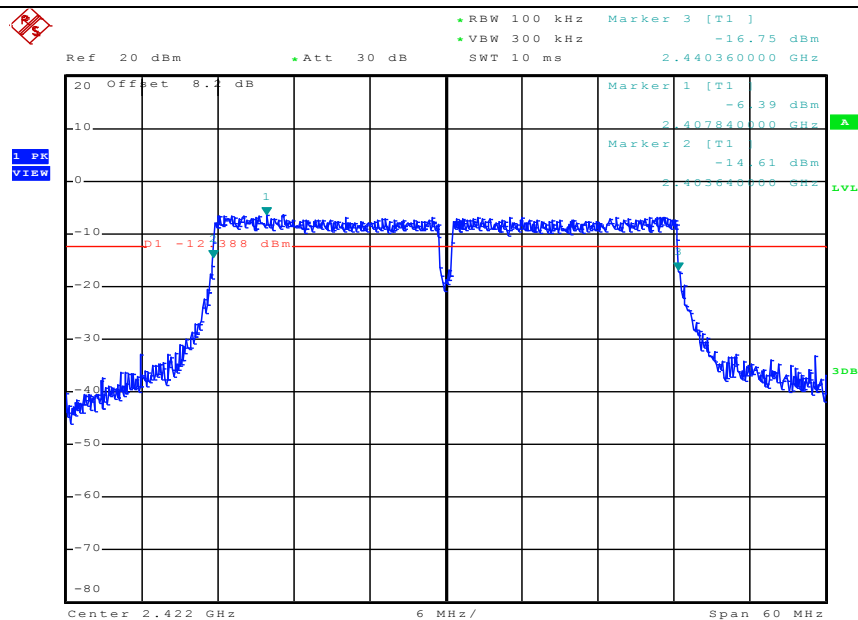
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11N20/HCH



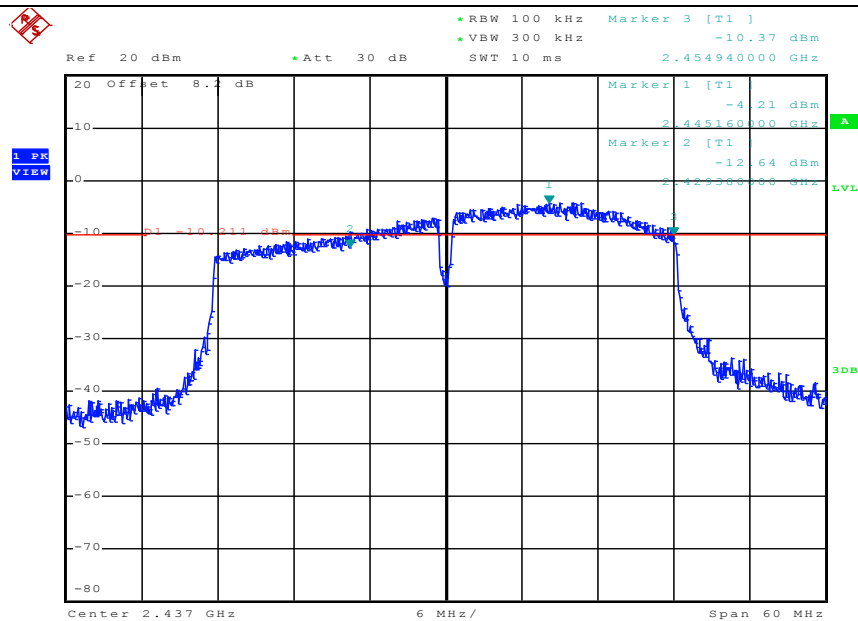
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11N40/LCH



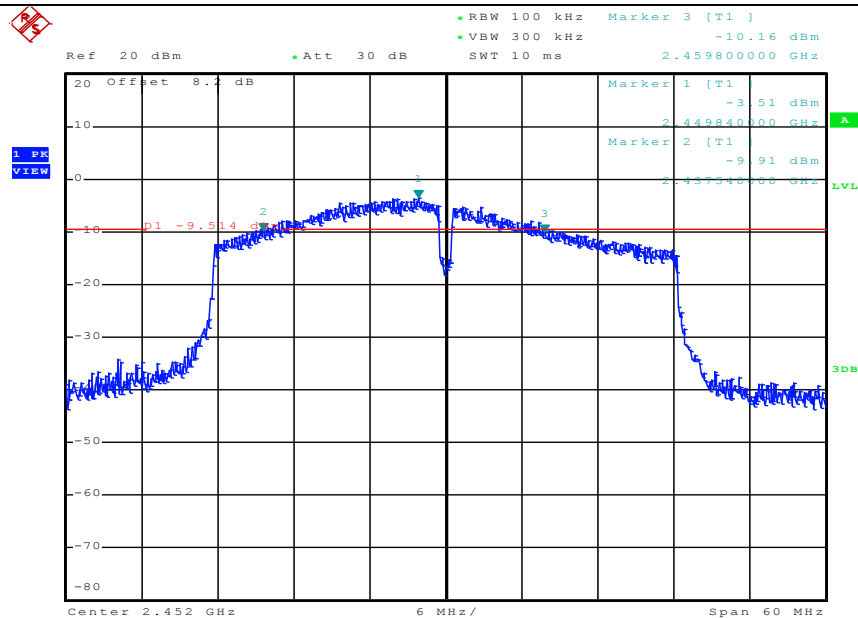
Date: 30.SEP.2019 18:42:43

11N40/MCH



Date: 30.SEP.2019 18:45:16

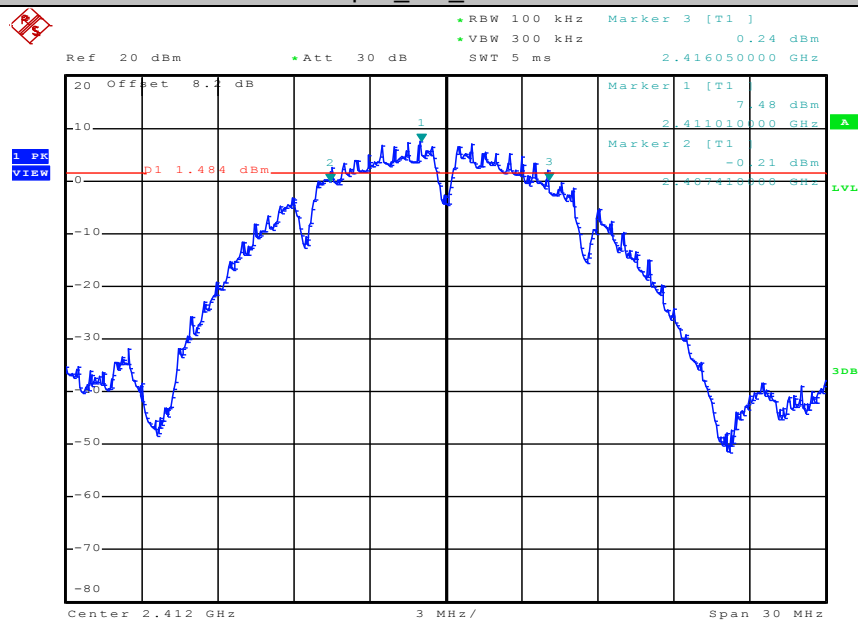
11N40/HCH



Date: 30.SEP.2019 18:47:04

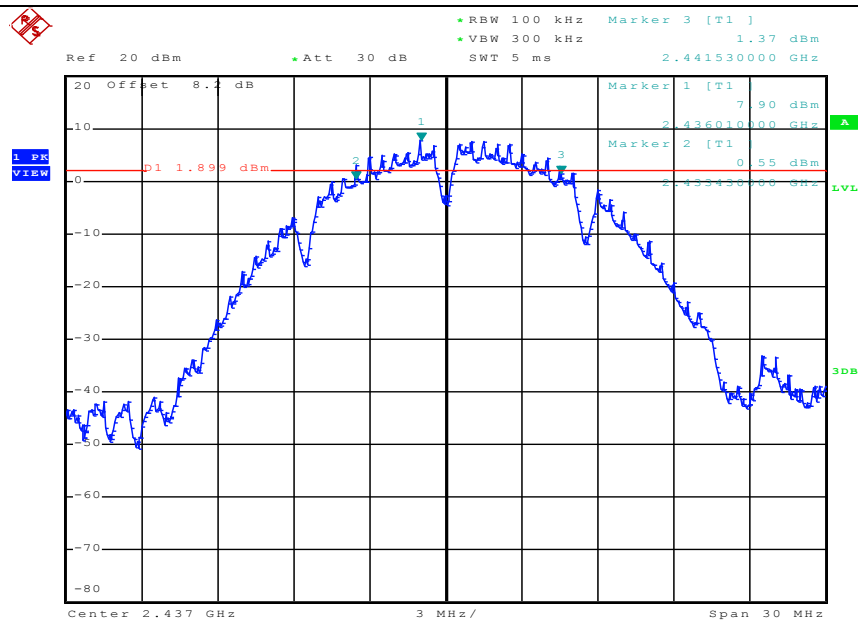
Test Graphs_Ant_2

11B/LCH



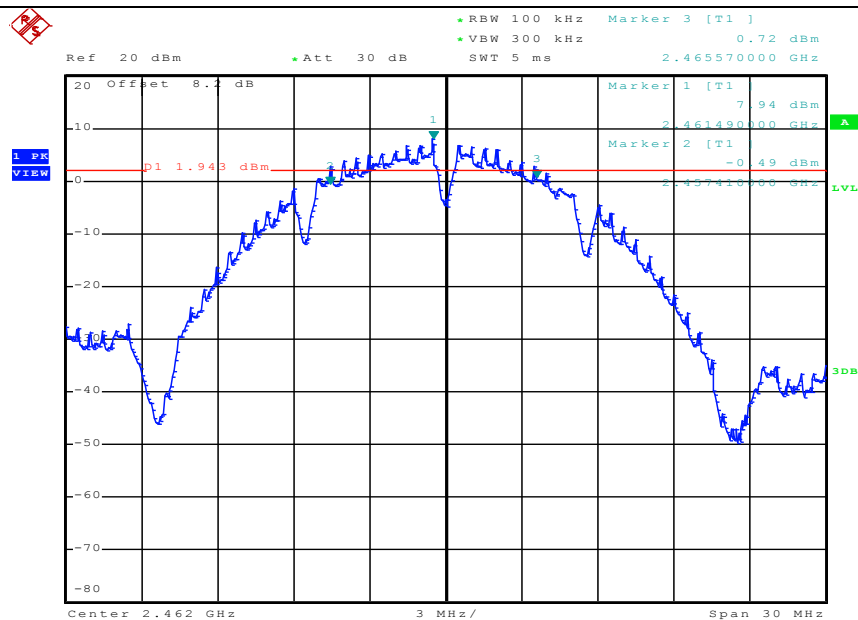
Date: 30.SEP.2019 19:02:27

11B/MCH



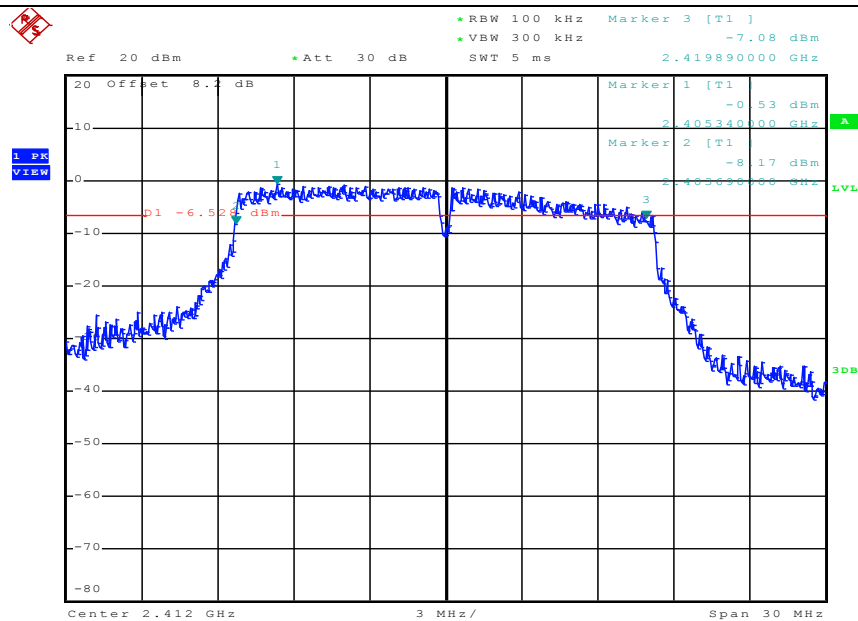
Date: 30.SEP.2019 19:05:06

11B/HCH



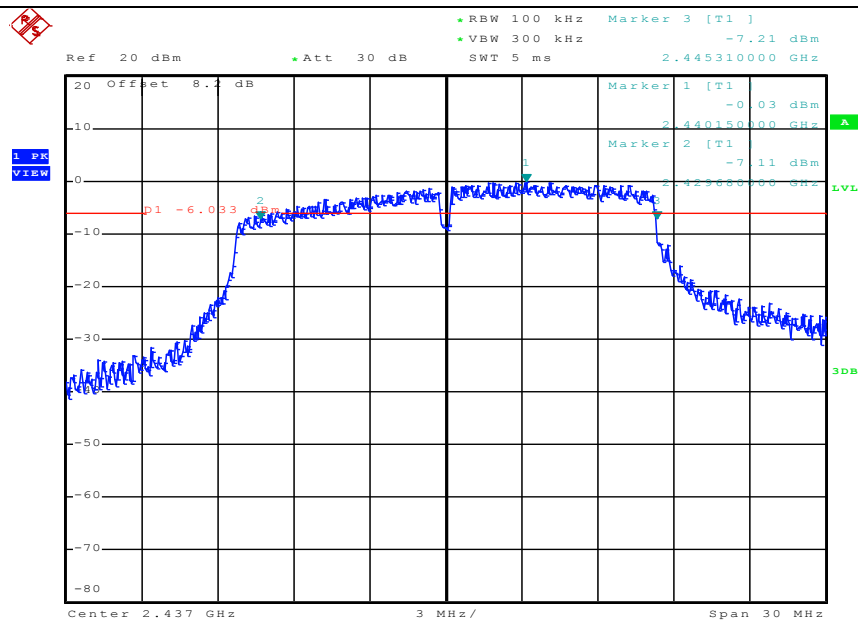
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11G/LCH



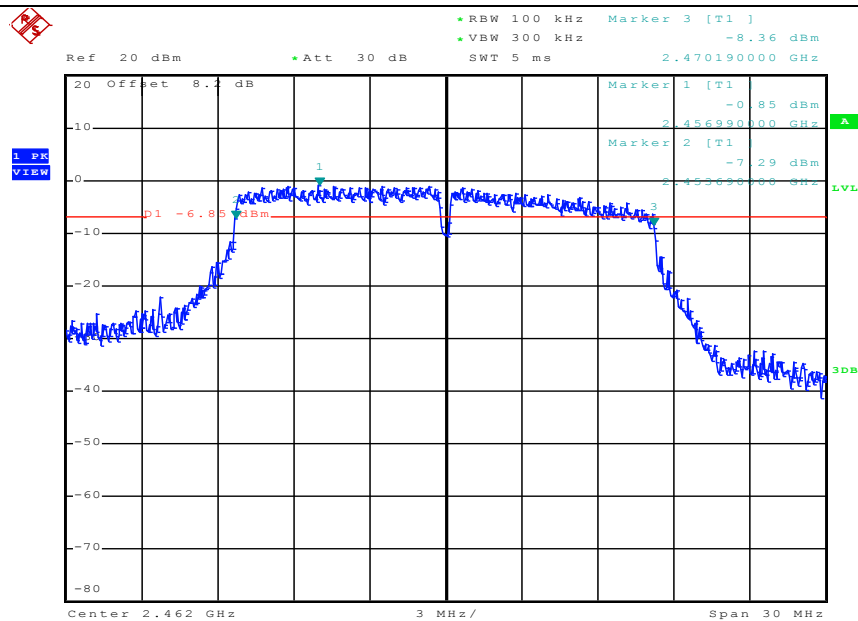
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11G/MCH



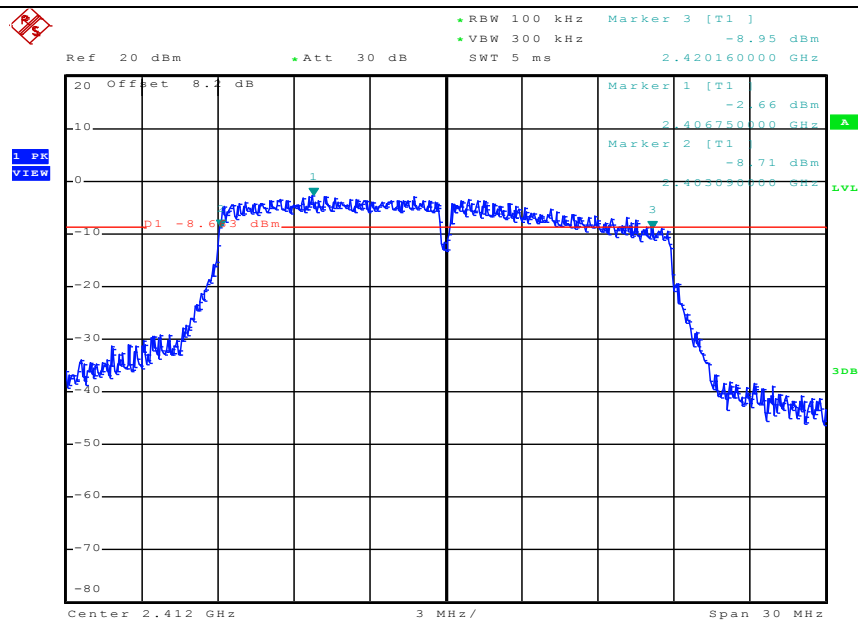
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11G/HCH



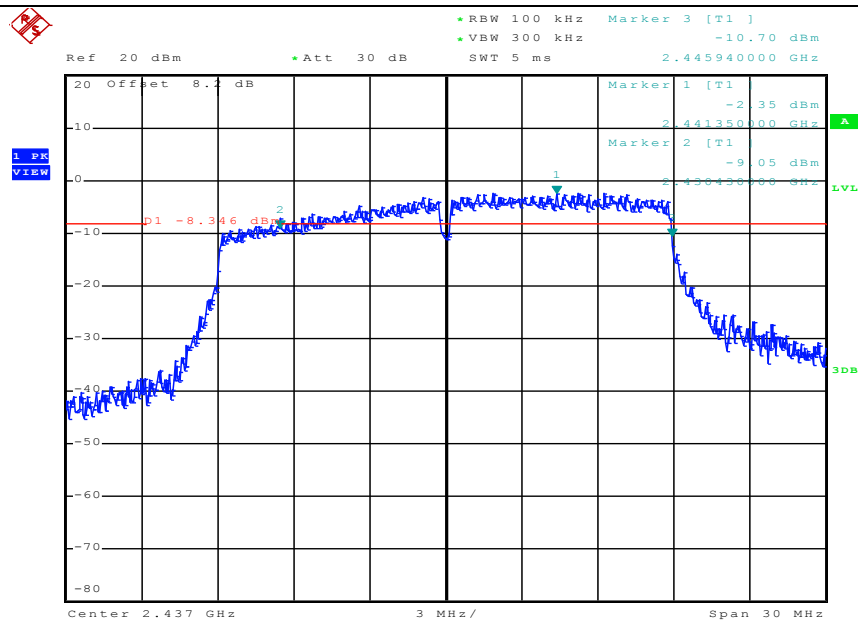
Date: 30.SEP.2019 19:14:04

11N20/LCH



Date: 30.SEP.2019 19:16:47

11N20/MCH



Date: 30.SEP.2019 19:19:27

1 PR VIEW

Ref 20 dBm Att 30 dB RBW 100 kHz VBW 300 kHz SWT 5 ms

Marker 3 [T1] -9.16 dBm 2.470790000 GHz

Marker 1 [T1] -2.97 dBm 2.457830000 GHz

Marker 2 [T1] -10.24 dBm 2.433000000 GHz

Center 2.462 GHz Span 30 MHz

Date: 30.SEP.2019 19:21:14

1 PR VIEW

Ref 20 dBm Att 30 dB RBW 100 kHz VBW 300 kHz SWT 10 ms Marker 3 [T1] -16.96 dBm 2.440360000 GHz

20 Offset 8.2 dB

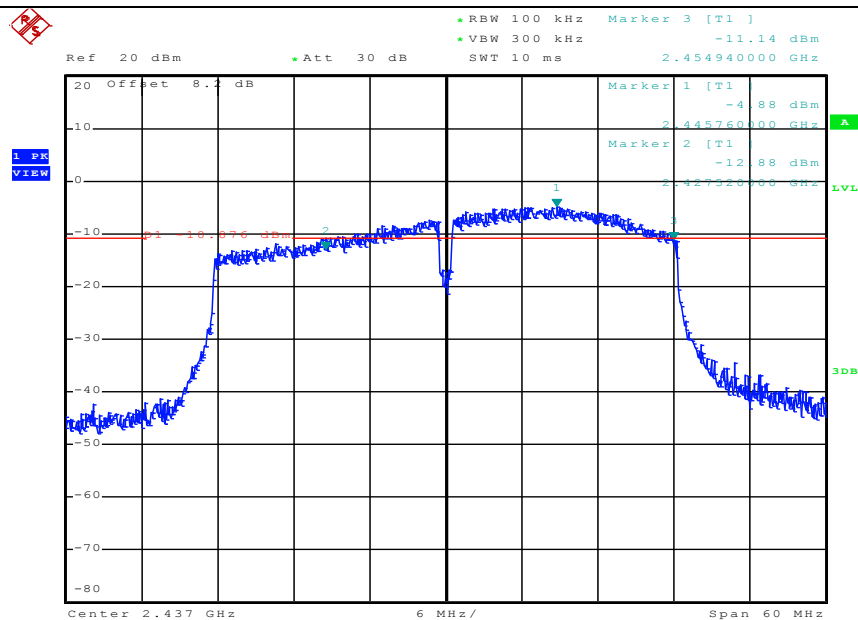
Marker 1 [T1] -6.58 dBm 2.407000000 GHz

Marker 2 [T1] -14.73 dBm 2.433640000 GHz

Center 2.422 GHz 6 MHz/ Span 60 MHz

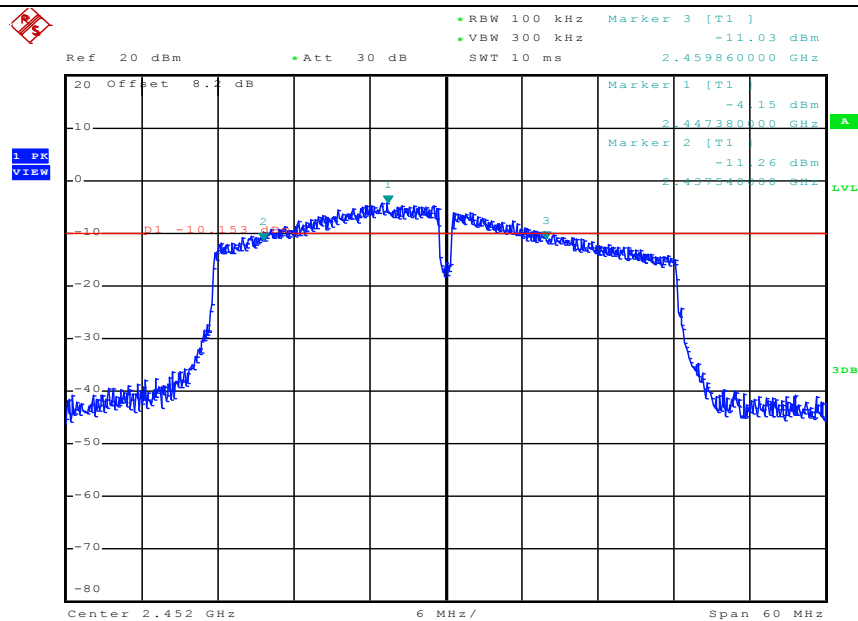
Date: 30.SEP.2019 19:27:37

11N40/MCH



Date: 30.SEP.2019 19:30:18

11N40/HCH



Date: 30.SEP.2019 19:32:34

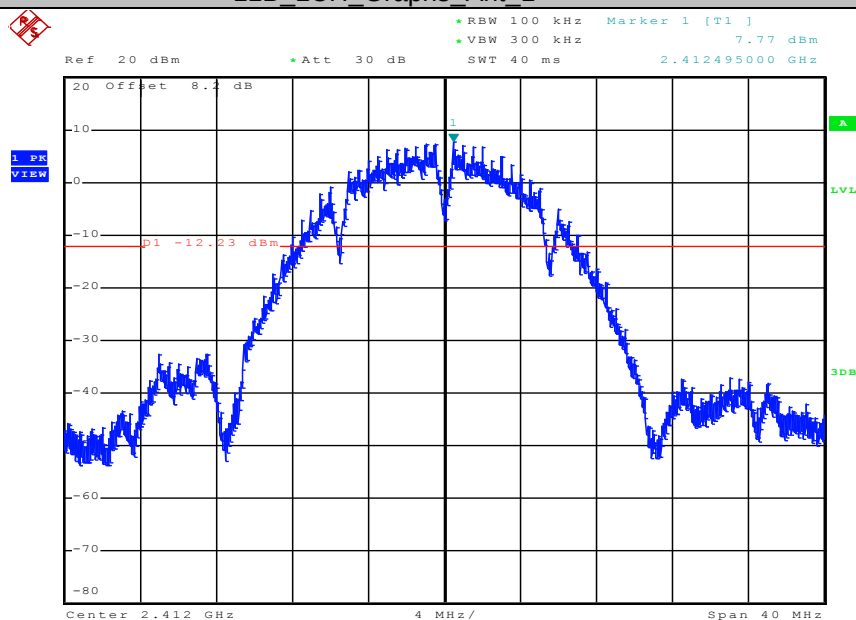
A.5 RF Conducted Spurious Emissions

Ant 1

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	7.77	-31.770	-12.230	PASS
	MCH	8.17	-32.150	-11.830	PASS
	HCH	7.45	-31.770	-12.550	PASS
11G	LCH	0.23	-31.210	-19.770	PASS
	MCH	1.34	-31.510	-18.660	PASS
	HCH	-0.64	-31.850	-20.640	PASS
11N20	LCH	-2.28	-31.640	-22.280	PASS
	MCH	-2.03	-31.970	-22.030	PASS
	HCH	-2.36	-31.350	-22.360	PASS
11N40	LCH	-6.33	-31.990	-26.330	PASS
	MCH	-4.05	-31.270	-24.050	PASS
	HCH	-3.98	-31.640	-23.980	PASS

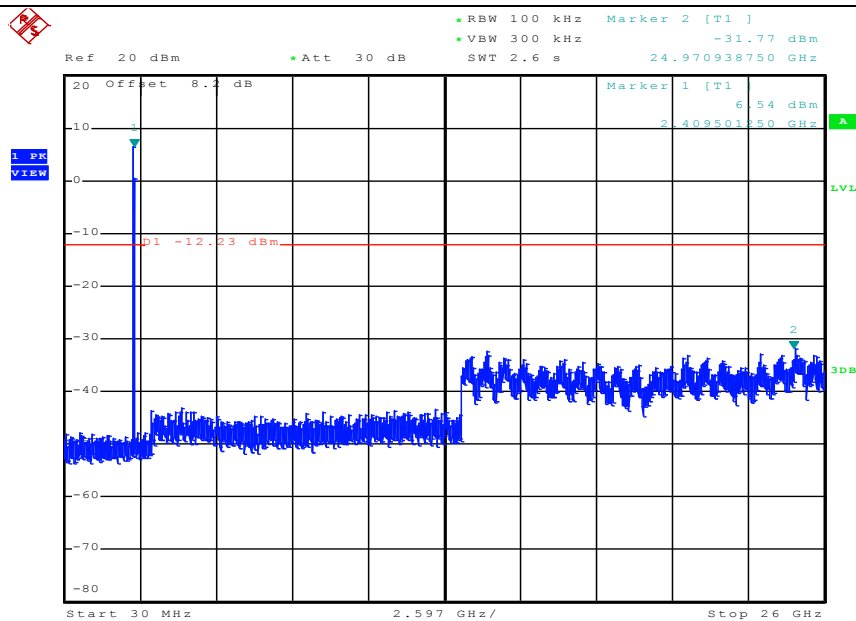
11B_LCH_Graphs_Ant_1

Pref/11B/LCH



Date: 30.SEP.2019 18:17:30

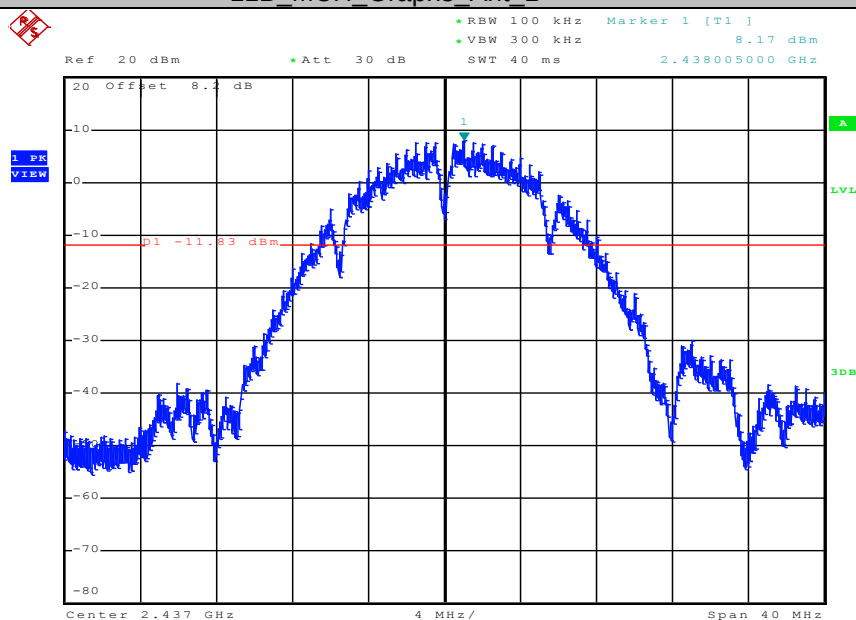
Puw/11B/LCH



Date: 30.SEP.2019 18:17:45

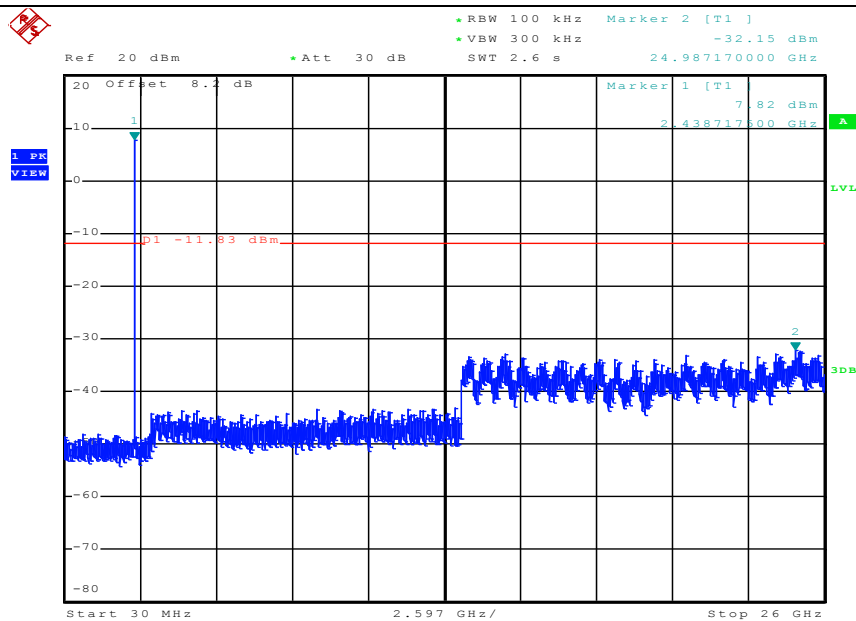
11B_MCH Graphs Ant 1

Pref/11B/MCH



Date: 30.SEP.2019 18:20:36

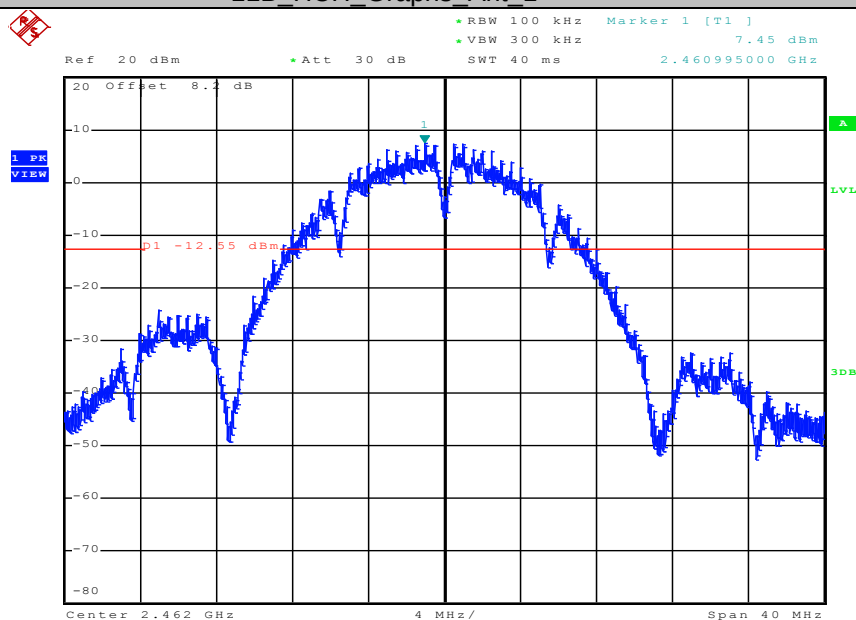
Puw/11B/MCH



Date: 30.SEP.2019 18:20:51

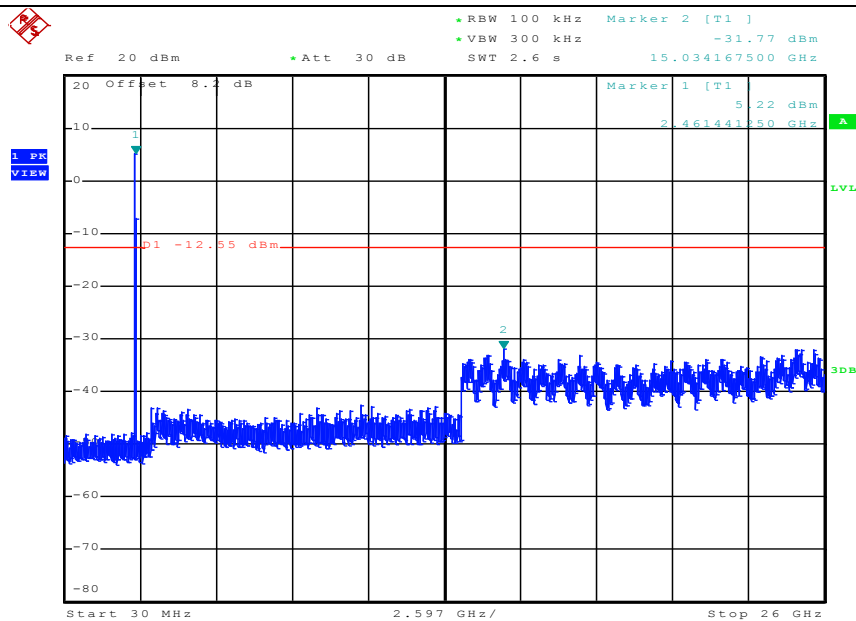
11B_HCH_Graphs_Ant_1

Pref/11B/HCH



Date: 30.SEP.2019 18:22:38

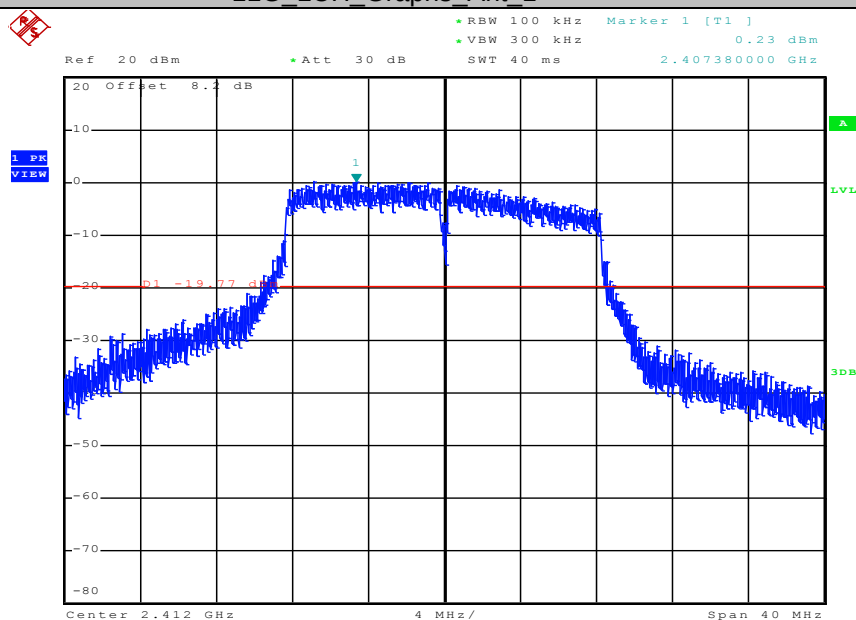
Puw/11B/HCH



Date: 30.SEP.2019 18:22:53

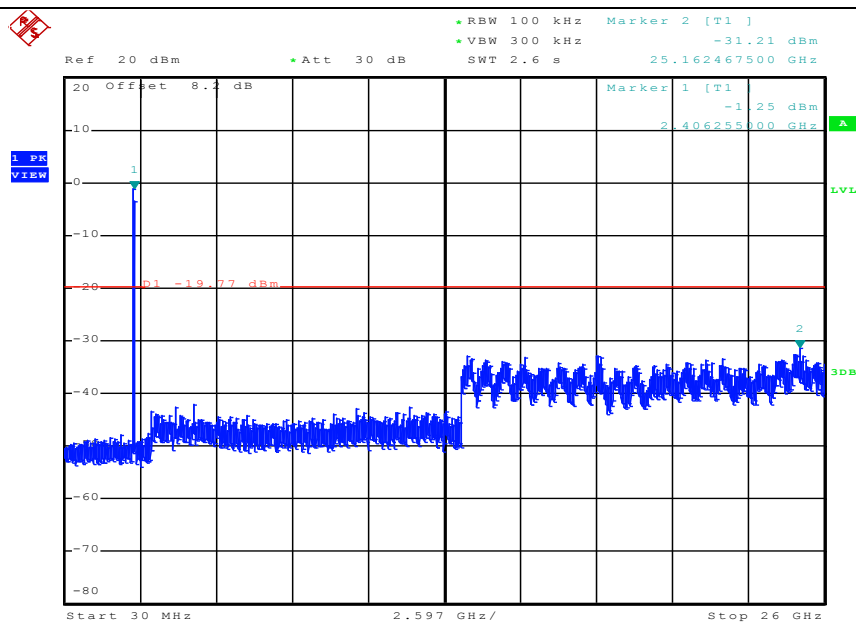
11G_LCH_Graphs_Ant_1

Pref/11G/LCH



Date: 30.SEP.2019 18:28:23

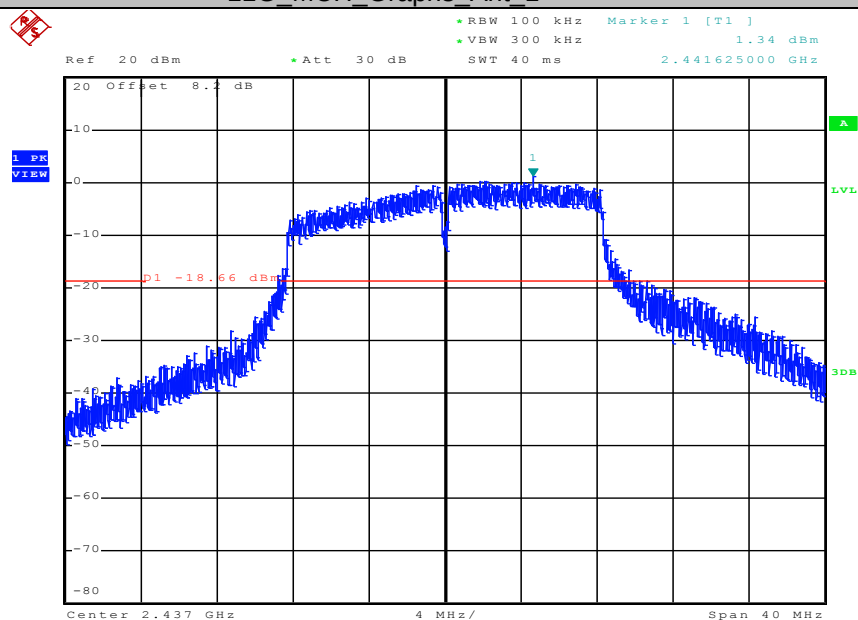
Puw/11G/LCH



Date: 30.SEP.2019 18:28:38

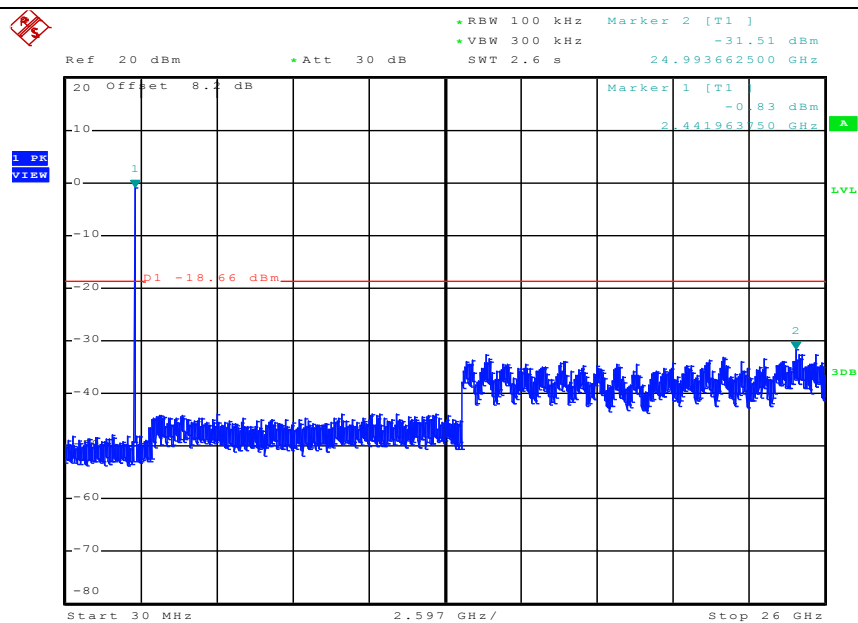
11G_MCH Graphs Ant 1

Pref/11G/MCH



Date: 30.SEP.2019 18:31:49

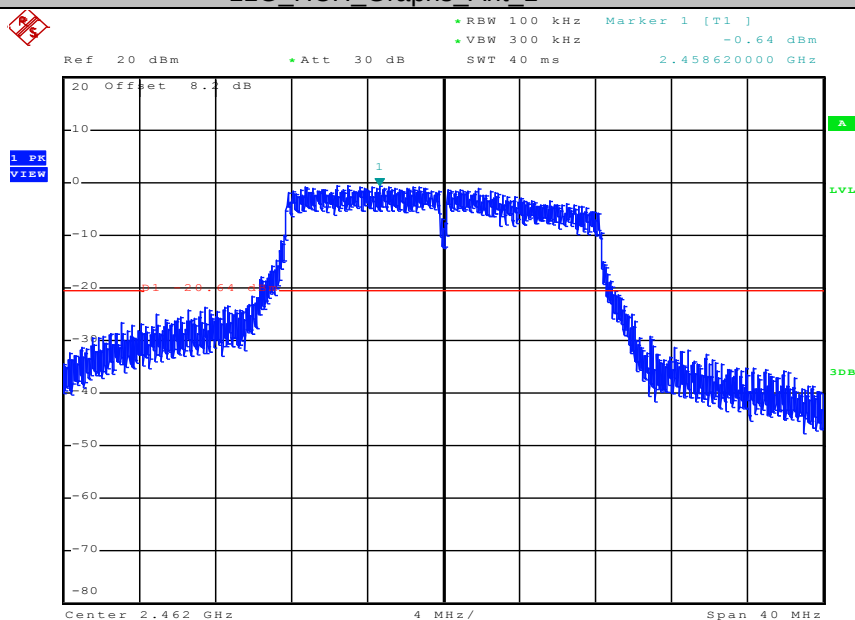
Puw/11G/MCH



Date: 30.SEP.2019 18:32:03

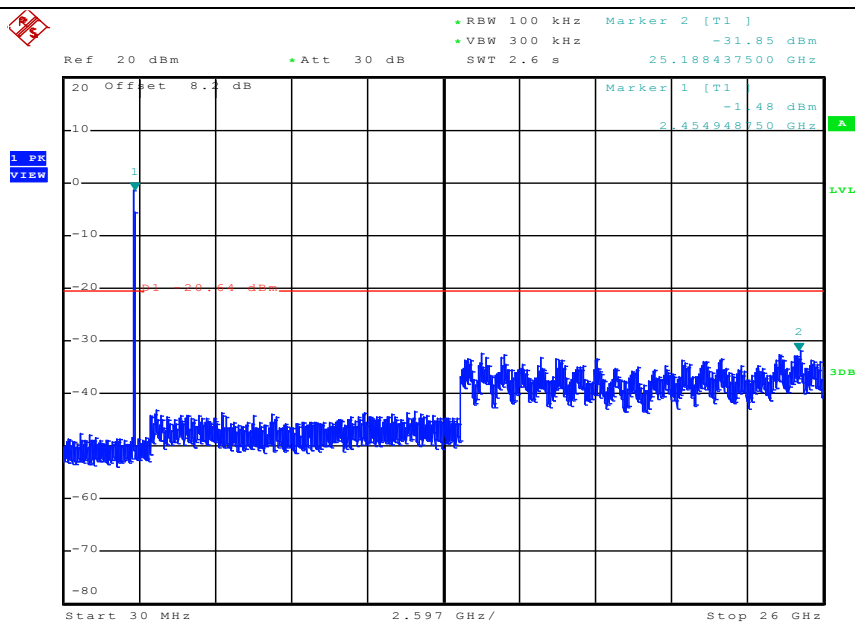
11G_HCH Graphs Ant 1

Pref/11G/HCH



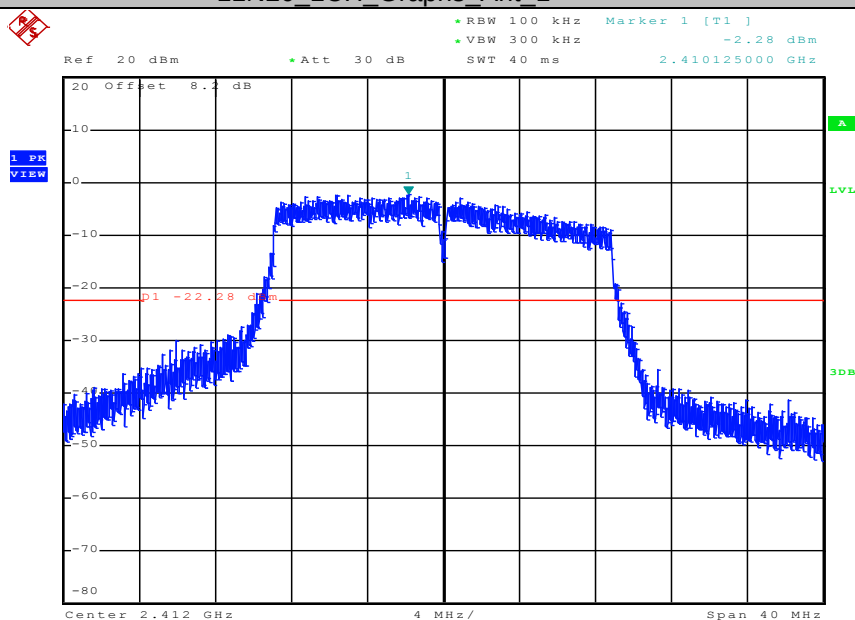
Date: 30.SEP.2019 18:33:48

Puw/11G/HCH

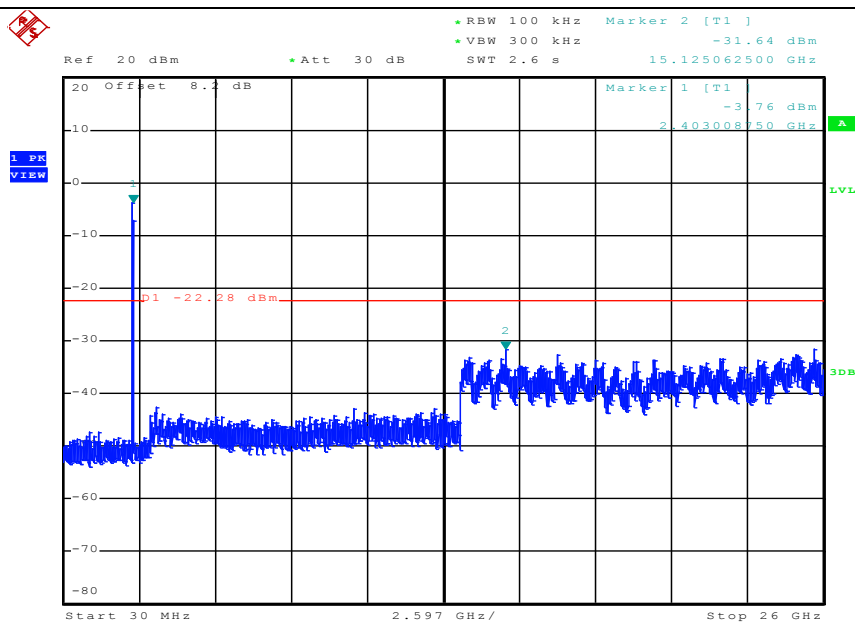


Date: 30.SEP.2019 18:34:03

11N20_LCH_Graphs_Ant_1

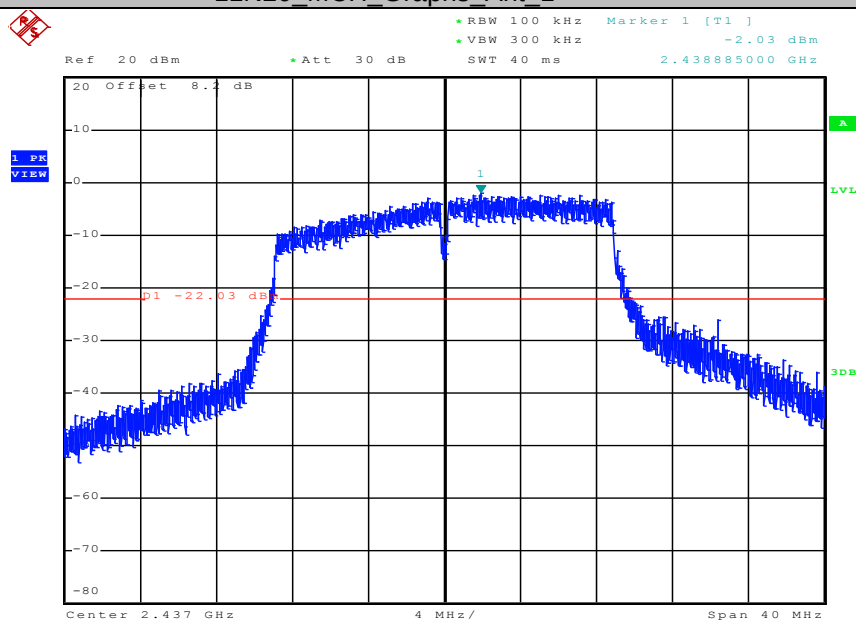
Pref/11N20/
LCH

Date: 30.SEP.2019 18:36:28

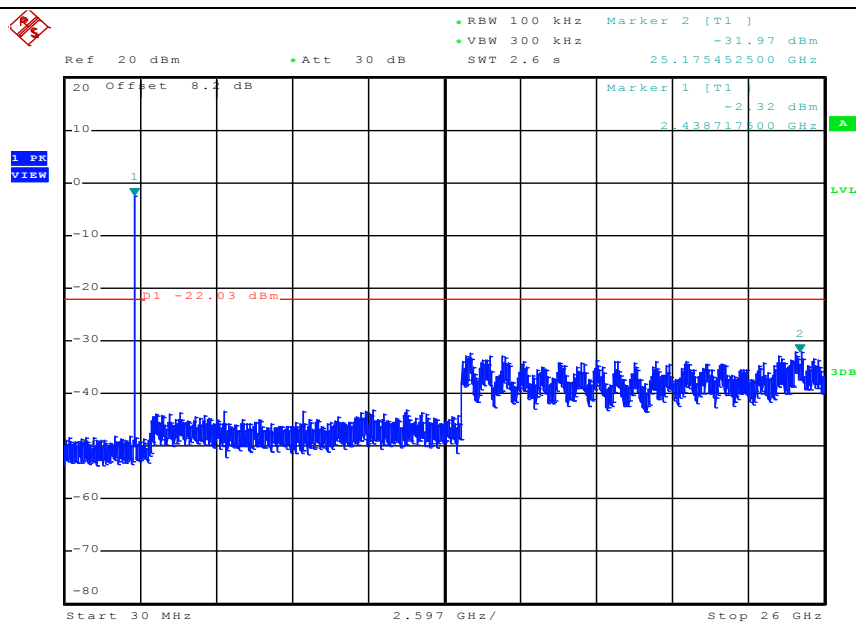
Puw/11N20/
LCH

Date: 30.SEP.2019 18:36:43

11N20 MCH Graphs Ant 1

Pref/11N20/
MCH

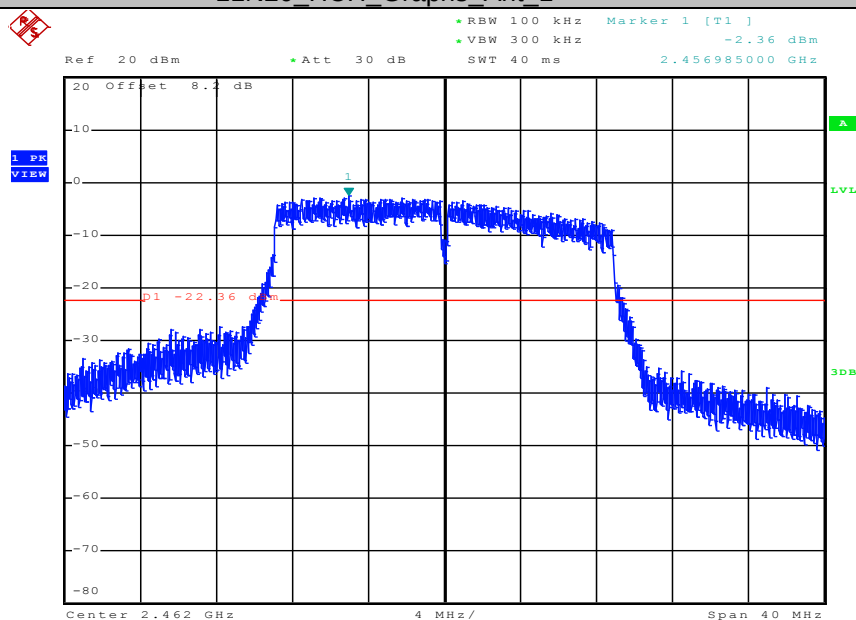
Date: 30.SEP.2019 18:38:46

Puw/11N20/
MCH

Date: 30.SEP.2019 18:39:01

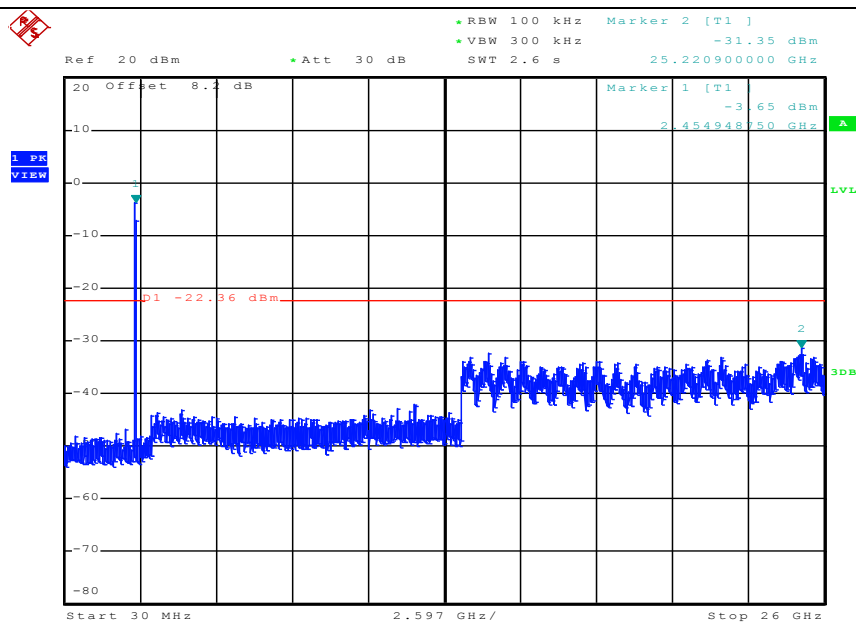
11N20 HCH Graphs Ant 1

Pref/11N20/
HCH



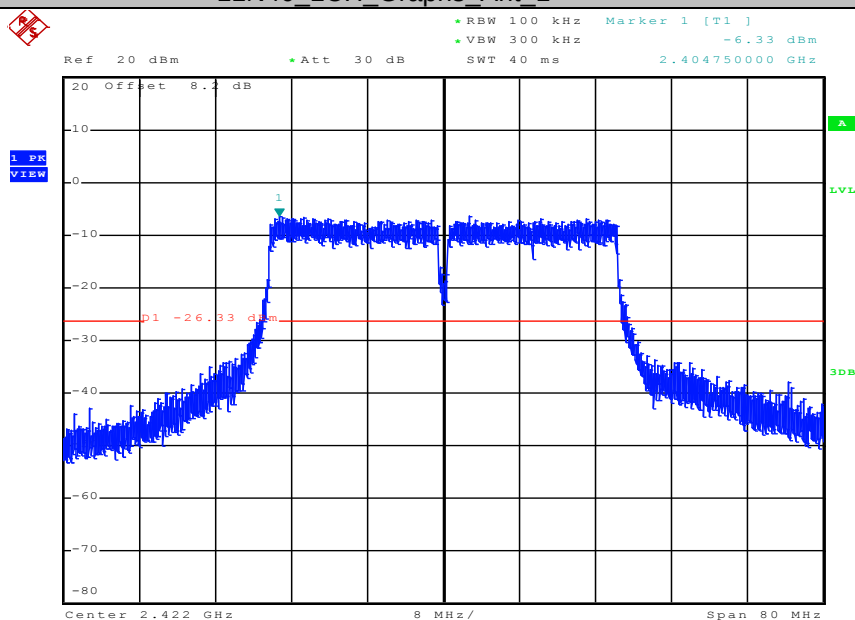
Date: 30.SEP.2019 18:41:11

Puw/11N20/
HCH

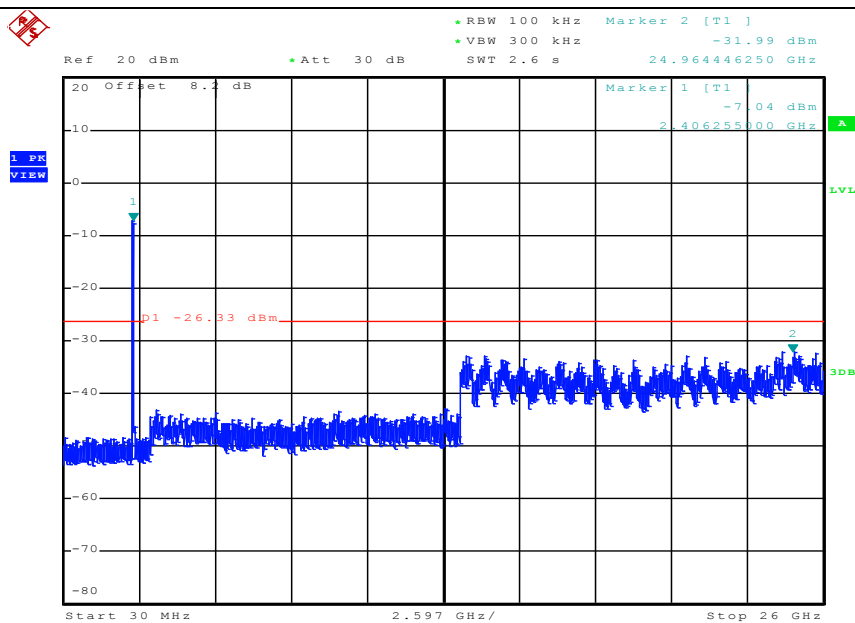


Date: 30.SEP.2019 18:41:25

11N40_LCH_Graphs_Ant_1

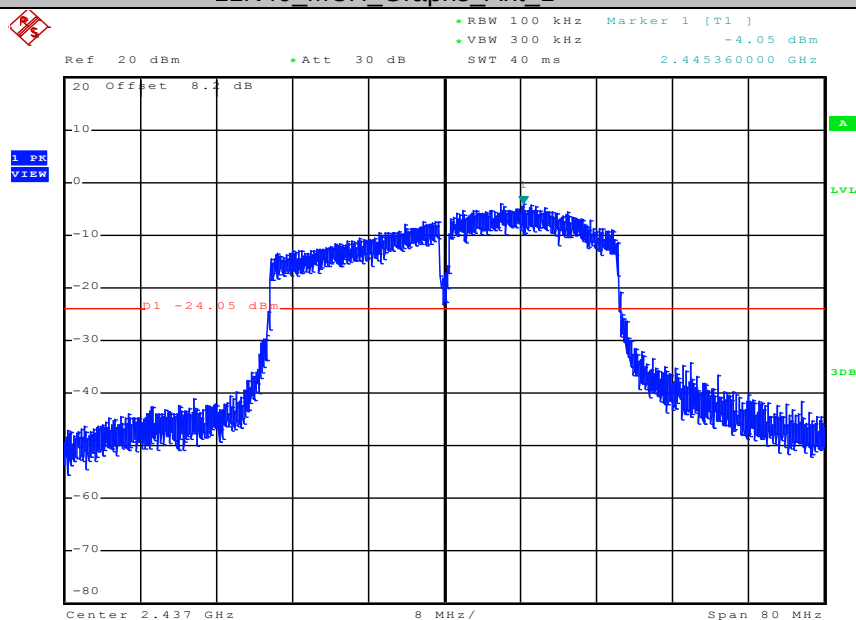
Pref/11N40/
LCH

Date: 30.SEP.2019 18:43:57

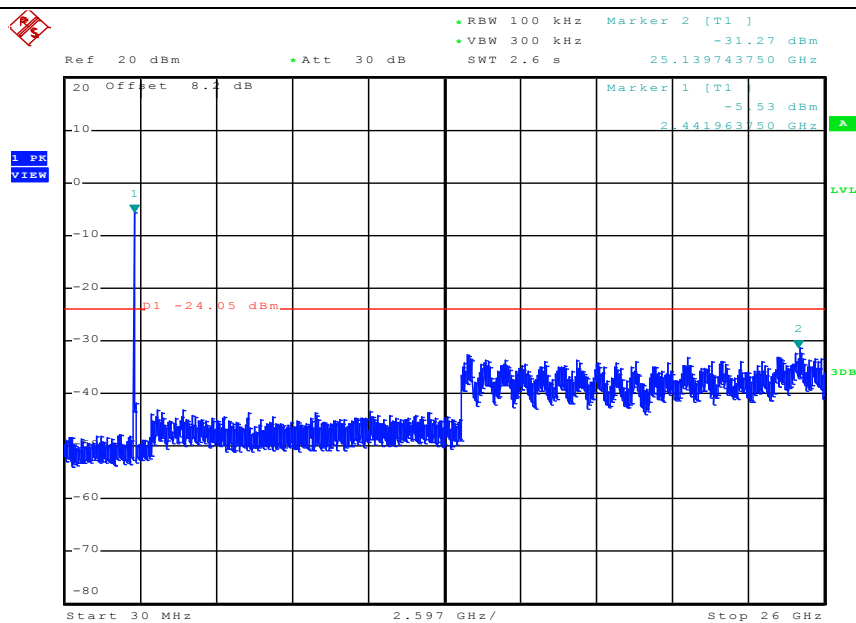
Puw/11N40/
LCH

Date: 30.SEP.2019 18:44:12

11N40 MCH Graphs Ant 1

Pref/11N40/
MCH

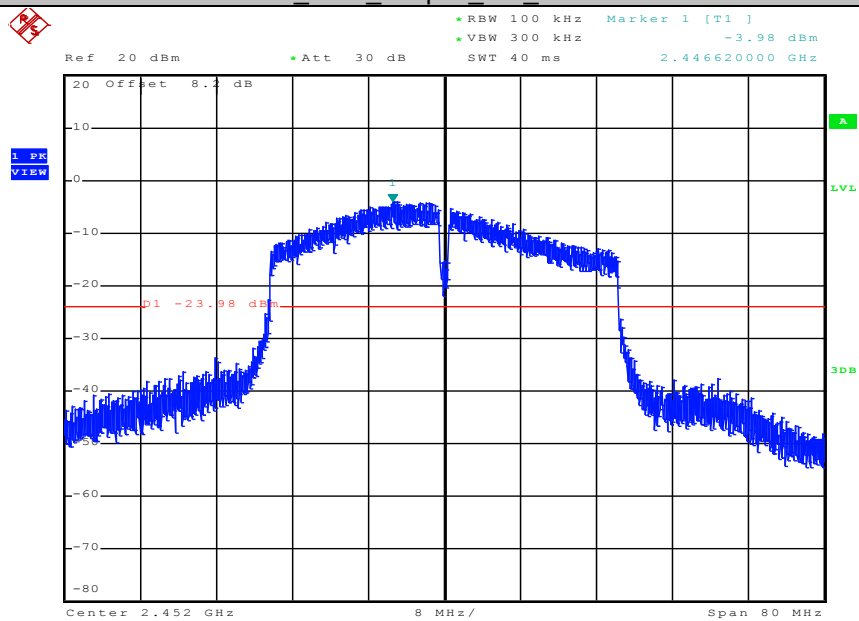
Date: 30.SEP.2019 18:46:16

Puw/11N40/
MCH

Date: 30.SEP.2019 18:46:31

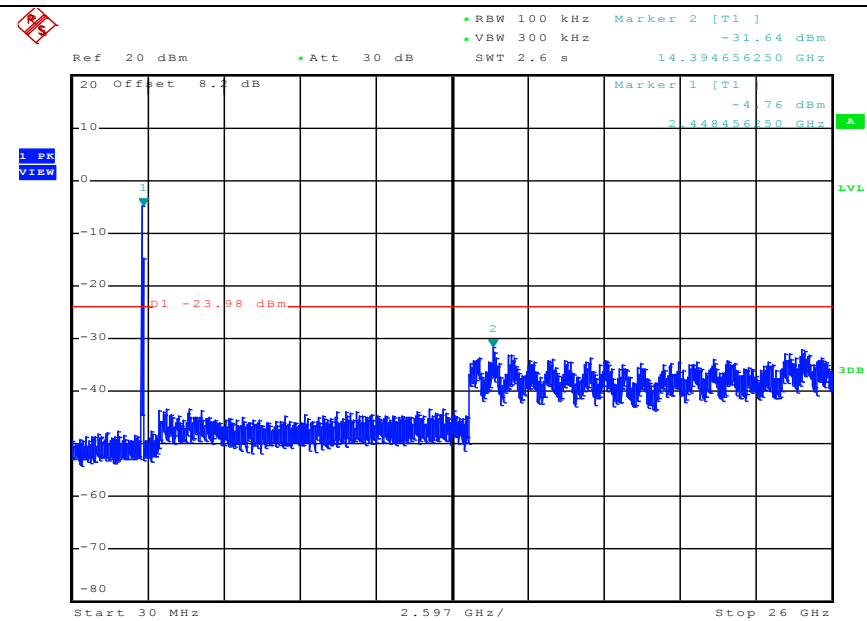
11N40 HCH Graphs Ant 1

Pref/11N40/
HCH



Date: 30.SEP.2019 18:48:18

Puw/11N40/
HCH



Date: 30.SEP.2019 18:48:33

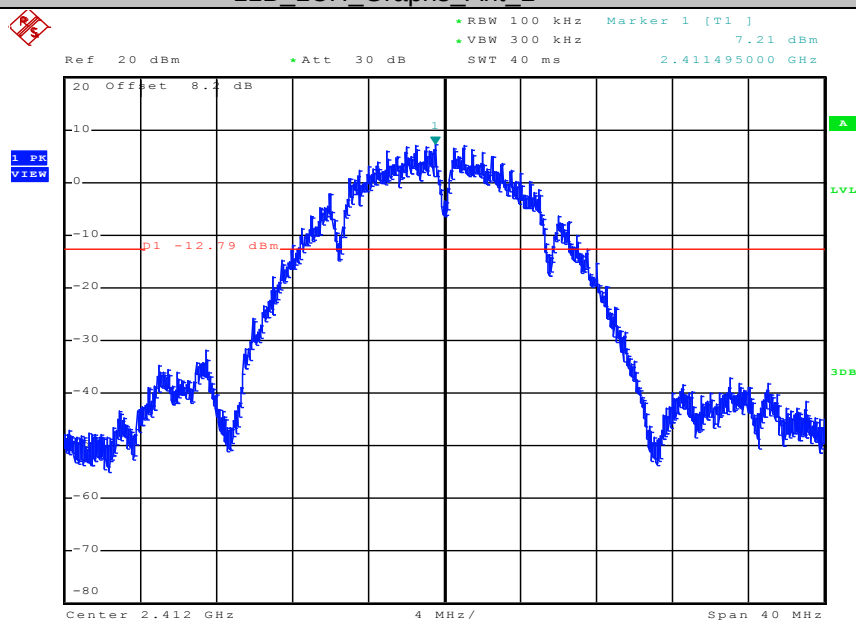
=

Ant 2

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	7.21	-30.860	-12.790	PASS
	MCH	8.08	-31.440	-11.920	PASS
	HCH	7.3	-31.990	-12.700	PASS
11G	LCH	-0.38	-32.000	-20.380	PASS
	MCH	-0.04	-32.500	-20.040	PASS
	HCH	-1.13	-31.570	-21.130	PASS
11N20	LCH	-2.69	-31.840	-22.690	PASS
	MCH	-2.41	-32.040	-22.410	PASS
	HCH	-3.15	-31.440	-23.150	PASS
11N40	LCH	-6.83	-32.580	-26.830	PASS
	MCH	-5.03	-30.320	-25.030	PASS
	HCH	-4.5	-31.710	-24.500	PASS

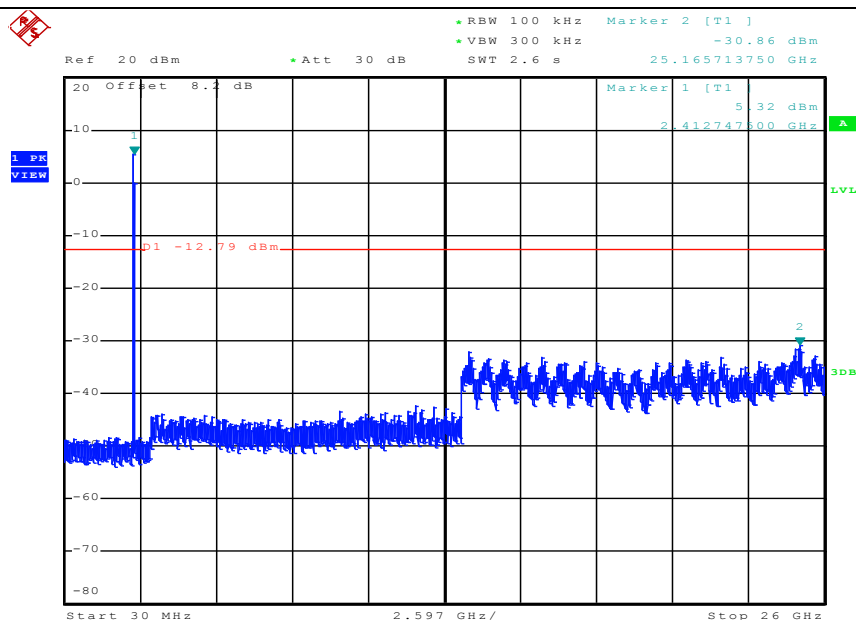
11B_LCH_Graphs_Ant_2

Pref/11B/LCH



Date: 30.SEP.2019 19:03:41

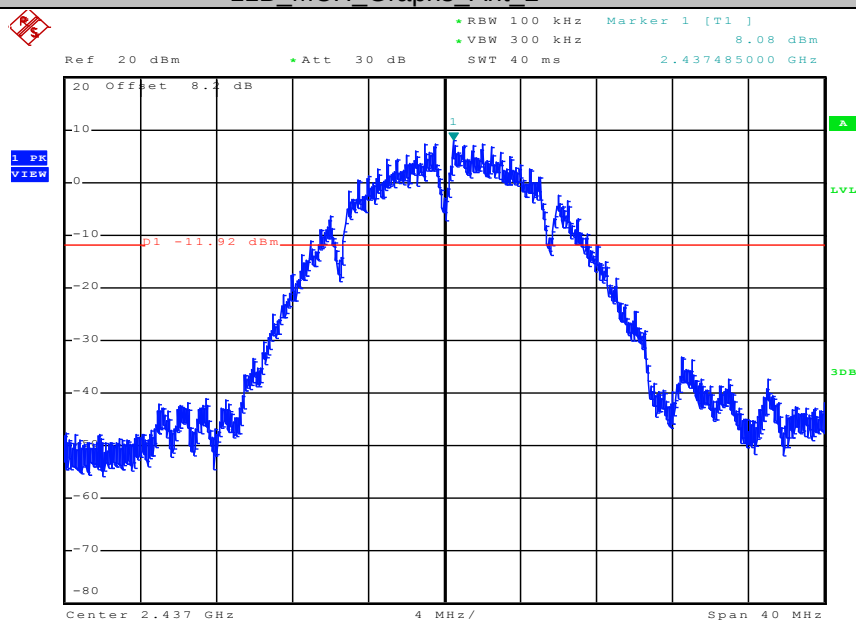
Puw/11B/LCH



Date: 30.SEP.2019 19:03:55

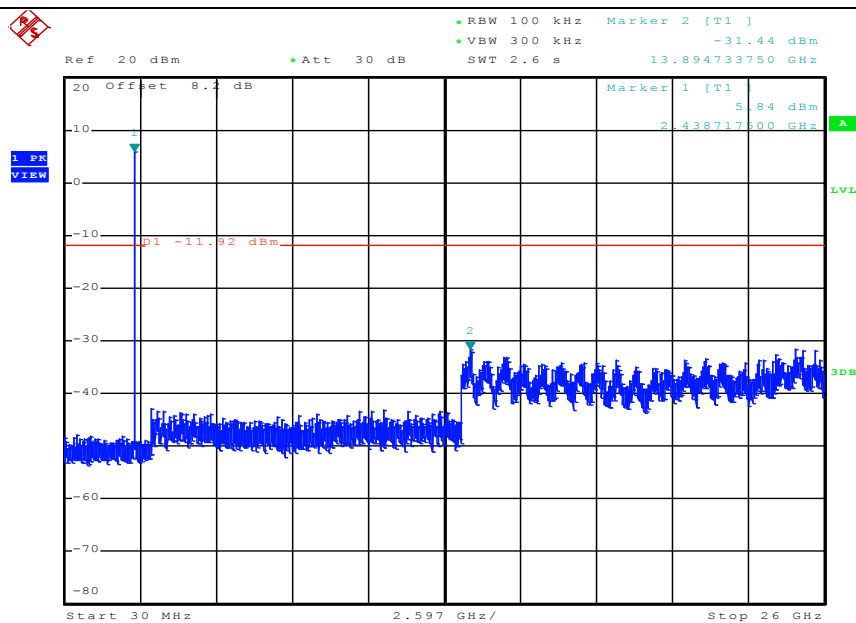
11B_MCH_Graphs_Ant_2

Pref/11B/MCH



Date: 30.SEP.2019 19:06:05

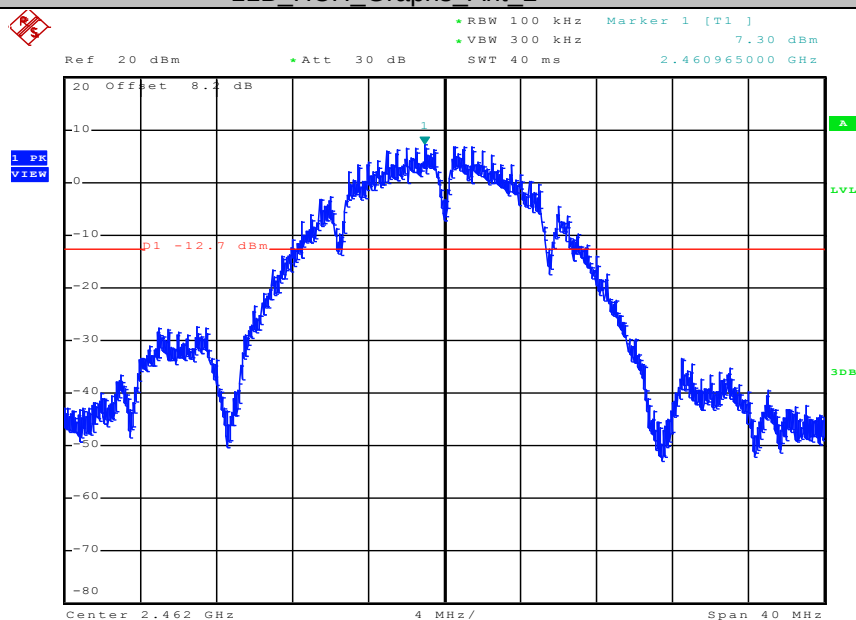
Puw/11B/MCH



Date: 30.SEP.2019 19:06:20

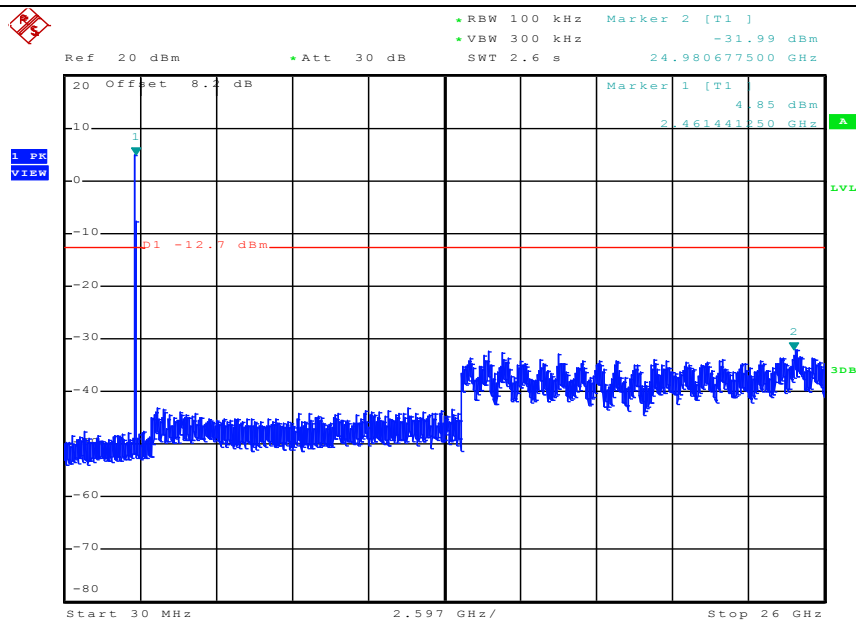
11B_HCH_Graphs_Ant 2

Pref/11B/HCH



Date: 30.SEP.2019 19:08:10

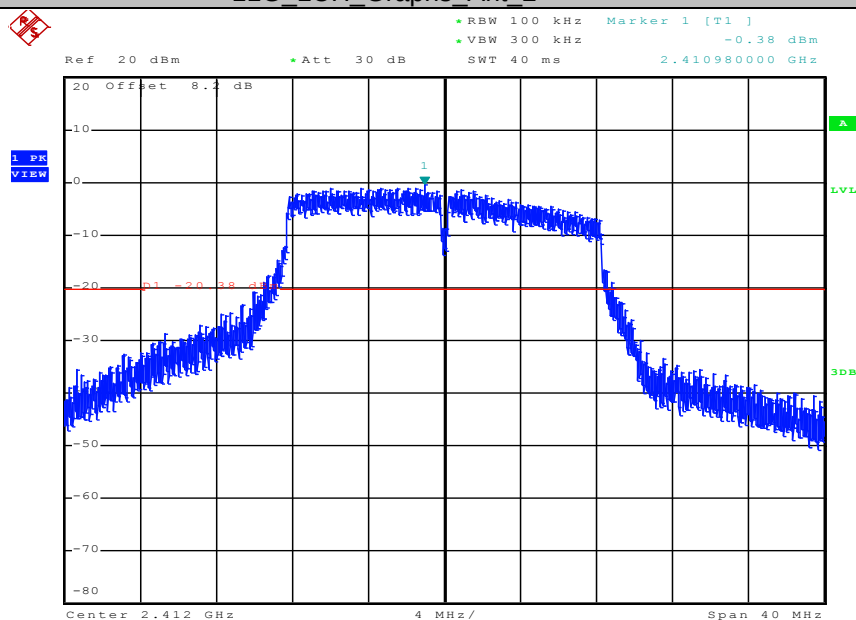
Puw/11B/HCH



Date: 30.SEP.2019 19:08:25

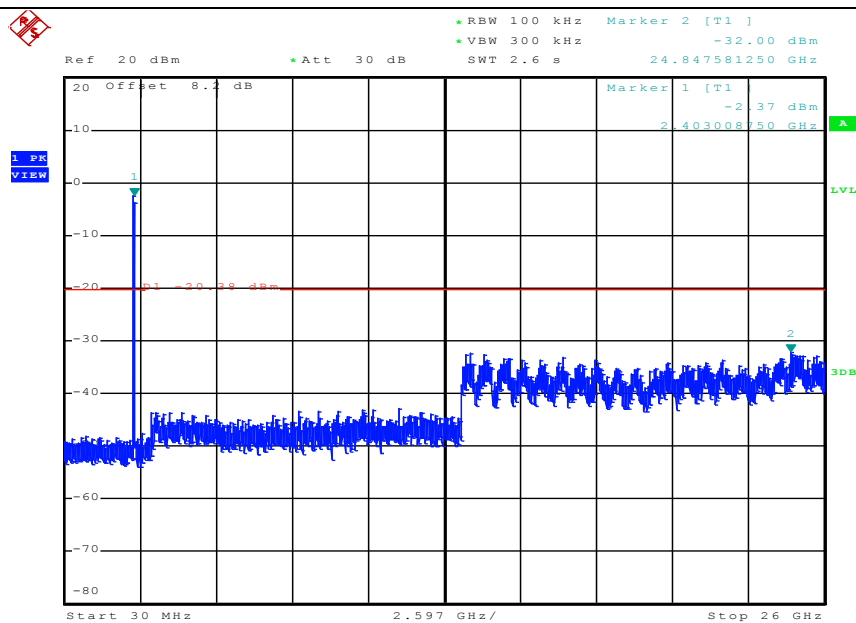
11G_LCH_Graphs_Ant_2

Pref/11G/LCH



Date: 30.SEP.2019 19:10:58

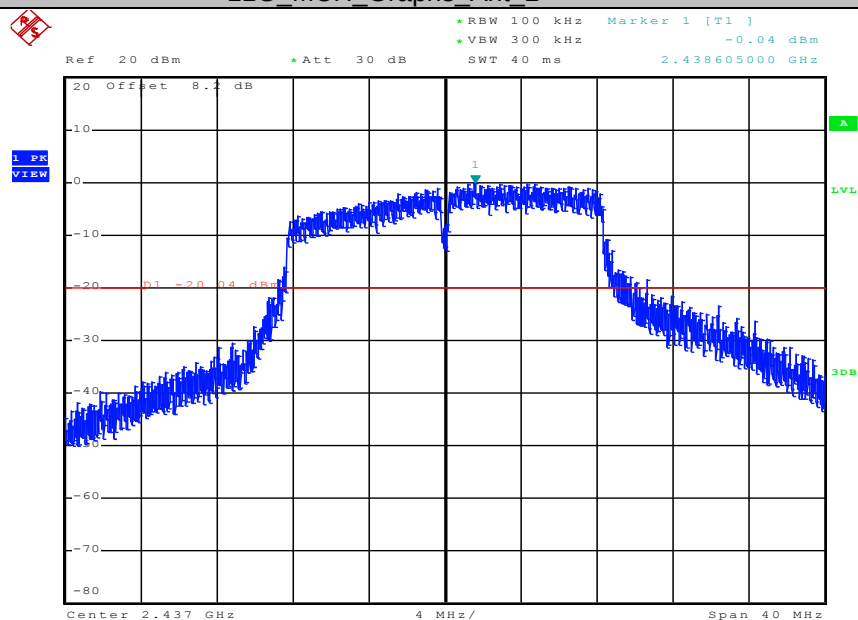
Puw/11G/LCH



Date: 30.SEP.2019 19:11:13

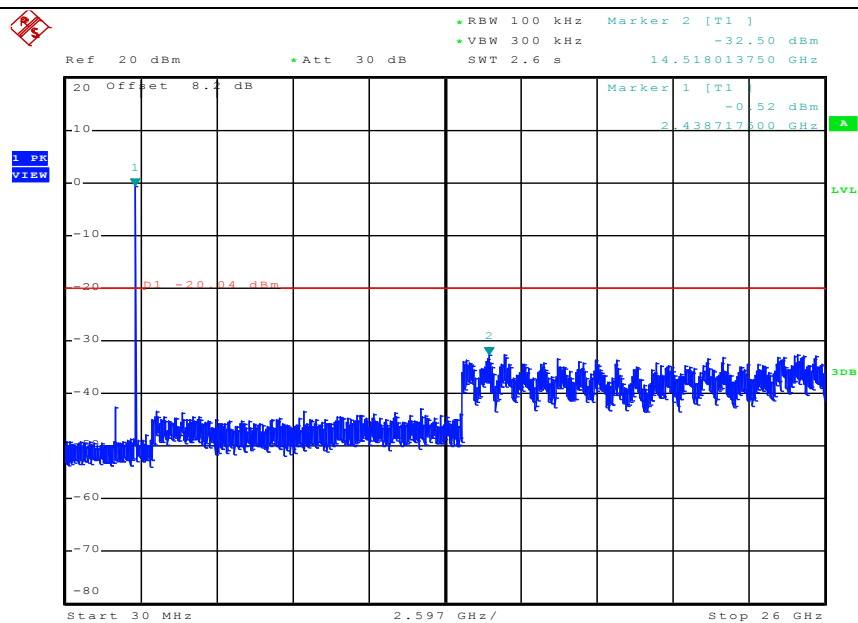
11G_MCH Graphs_Ant 2

Pref/11G/MCH



Date: 30.SEP.2019 19:13:16

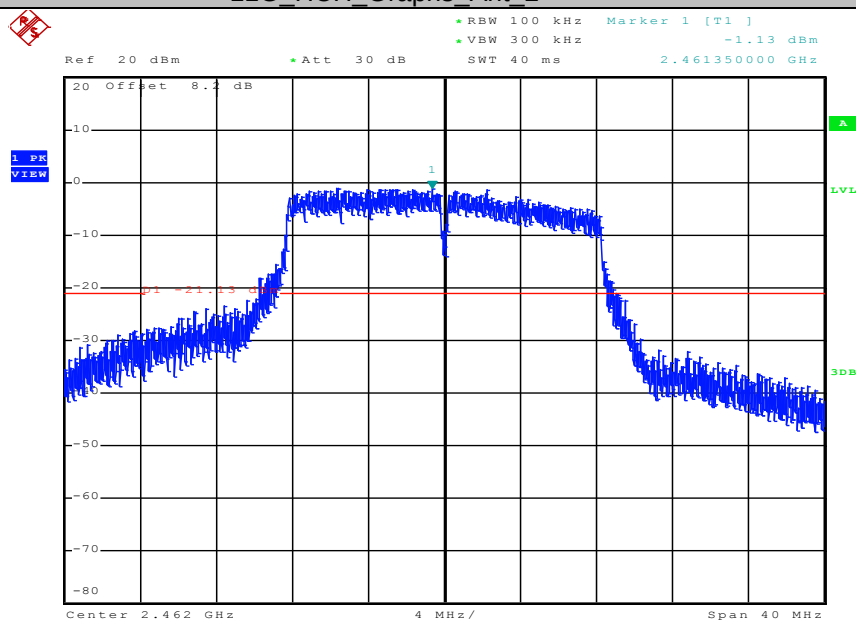
Puw/11G/MCH



Date: 30.SEP.2019 19:13:31

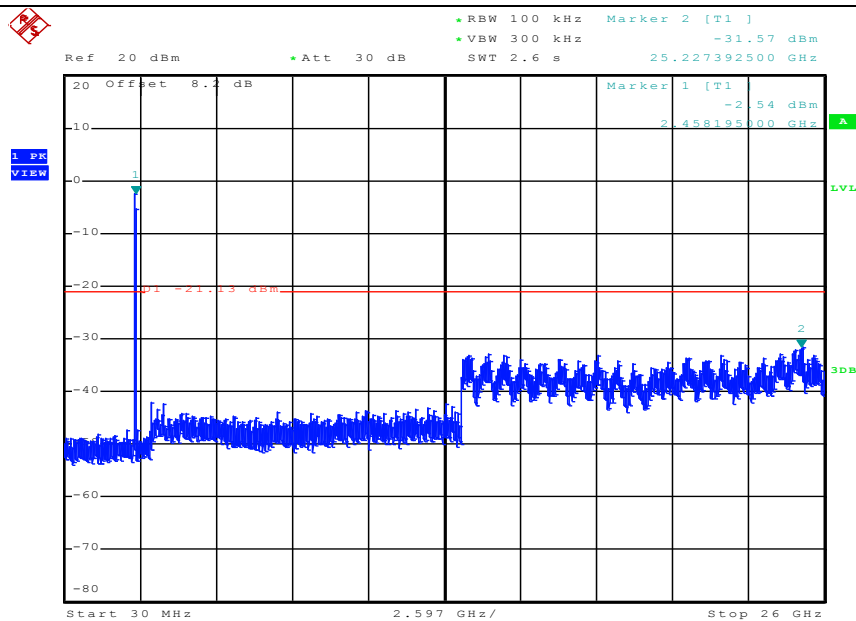
11G_HCH Graphs Ant 2

Pref/11G/HCH



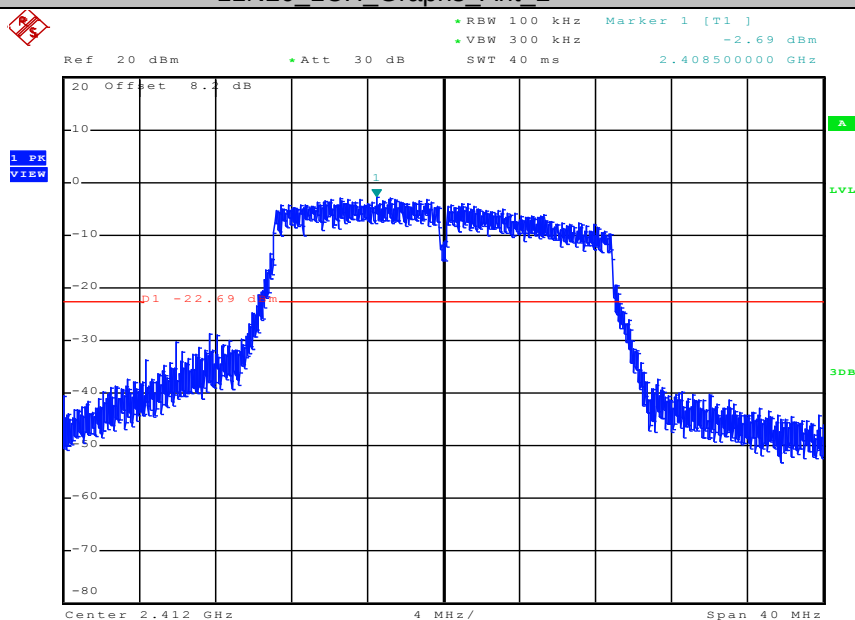
Date: 30.SEP.2019 19:15:17

Puw/11G/HCH

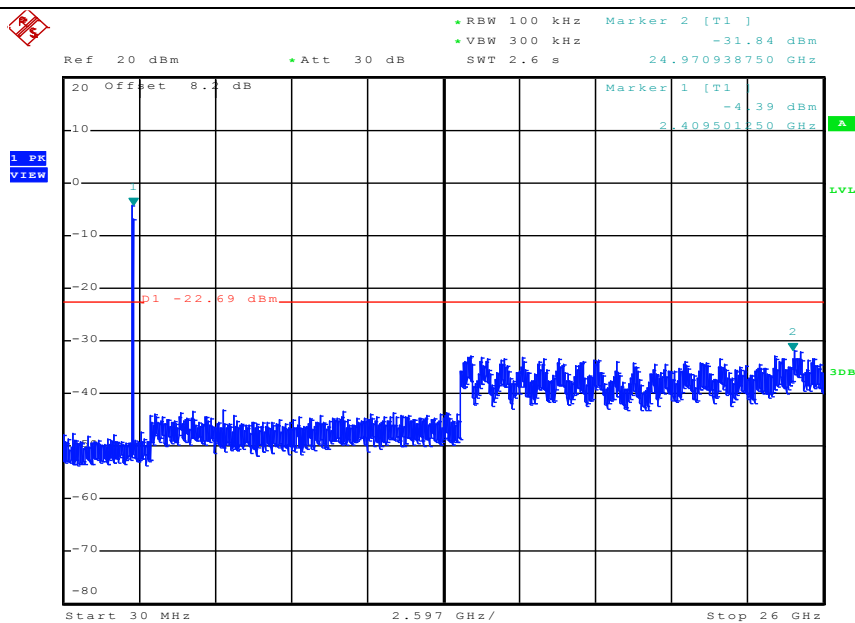


Date: 30.SEP.2019 19:15:32

11N20_LCH_Graphs_Ant 2

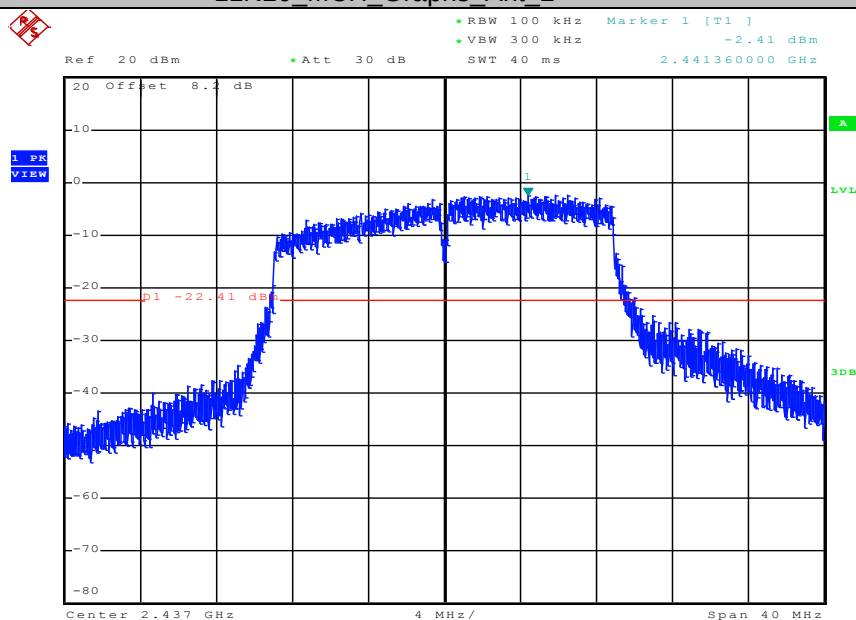
Pref/11N20/
LCH

Date: 30.SEP.2019 19:18:00

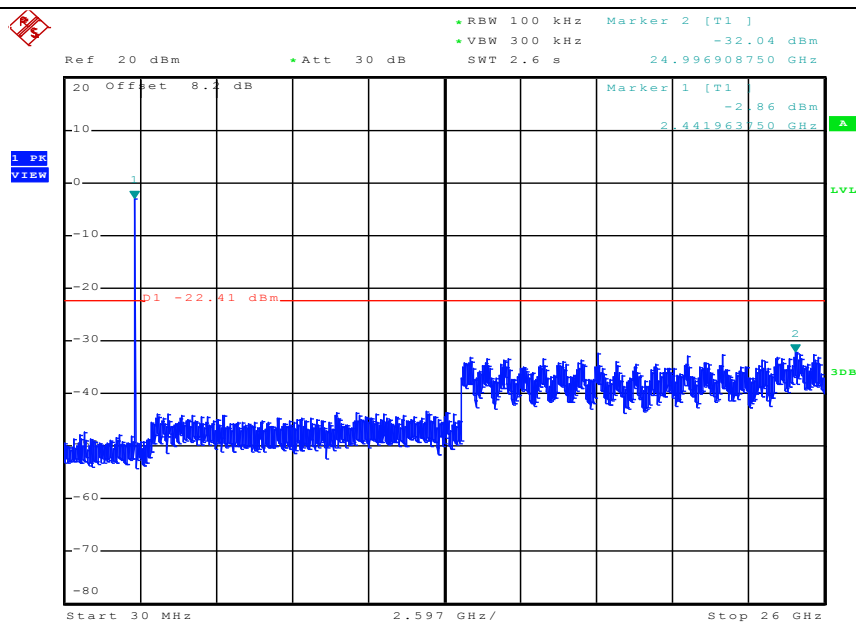
Puw/11N20/
LCH

Date: 30.SEP.2019 19:18:15

11N20 MCH Graphs Ant 2

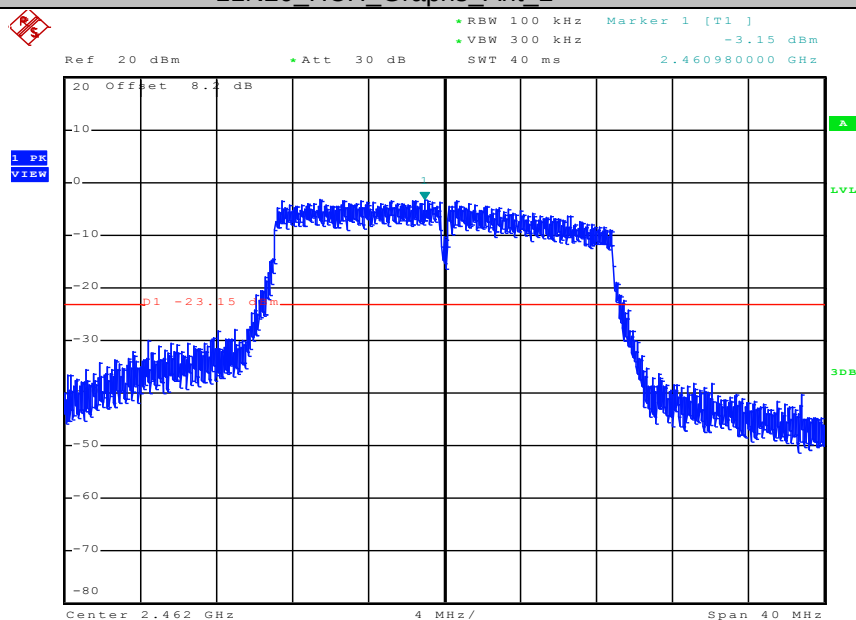
Pref/11N20/
MCH

Date: 30.SEP.2019 19:20:27

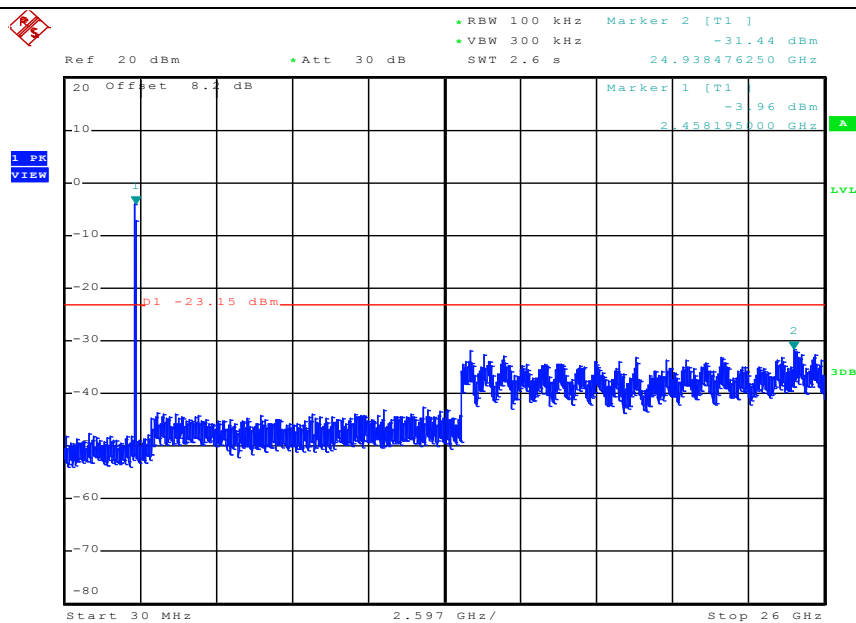
Puw/11N20/
MCH

Date: 30.SEP.2019 19:20:41

11N20_HCH_Graphs_Ant 2

Pref/11N20/
HCH

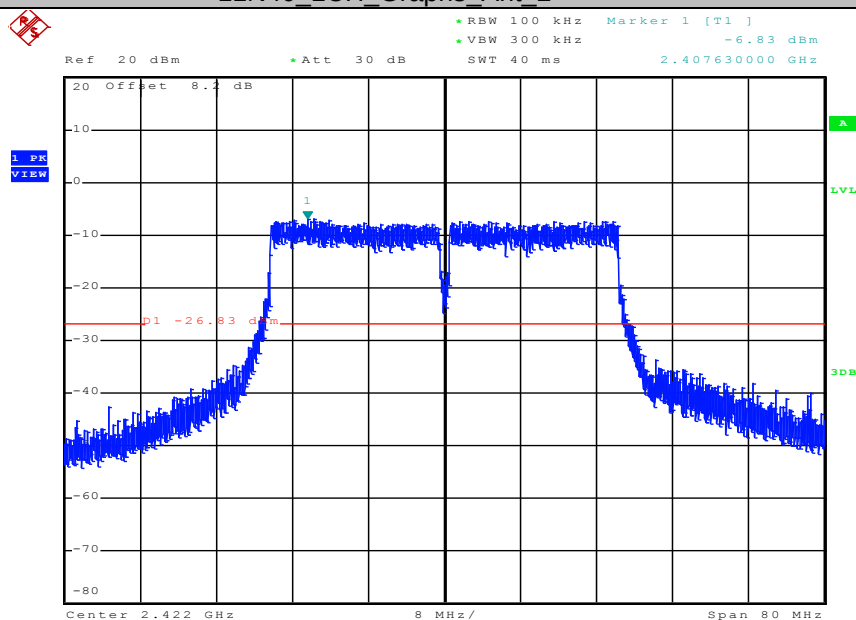
Date: 30.SEP.2019 19:25:59

Puw/11N20/
HCH

Date: 30.SEP.2019 19:26:14

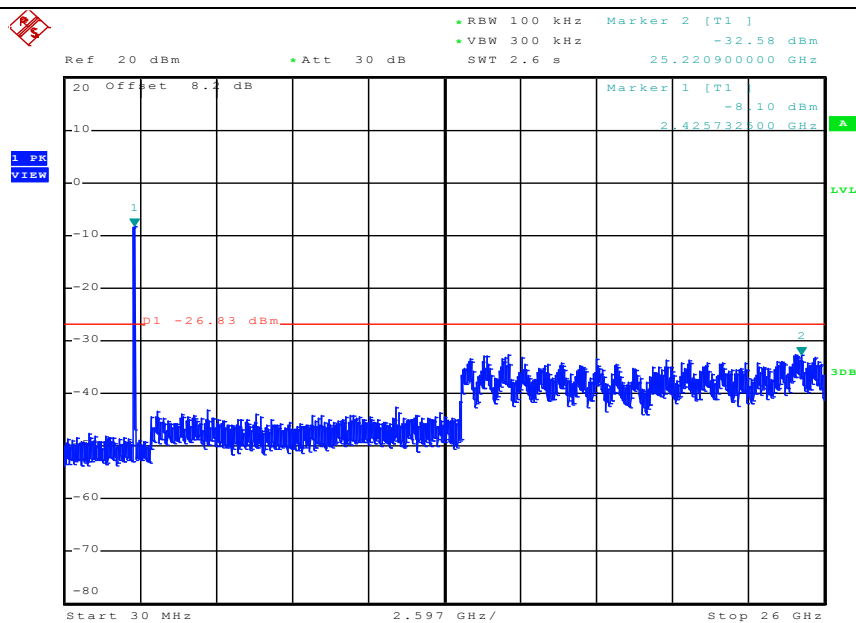
11N40 LCH_Graphs Ant 2

Pref/11N40/
LCH



Date: 30.SEP.2019 19:28:50

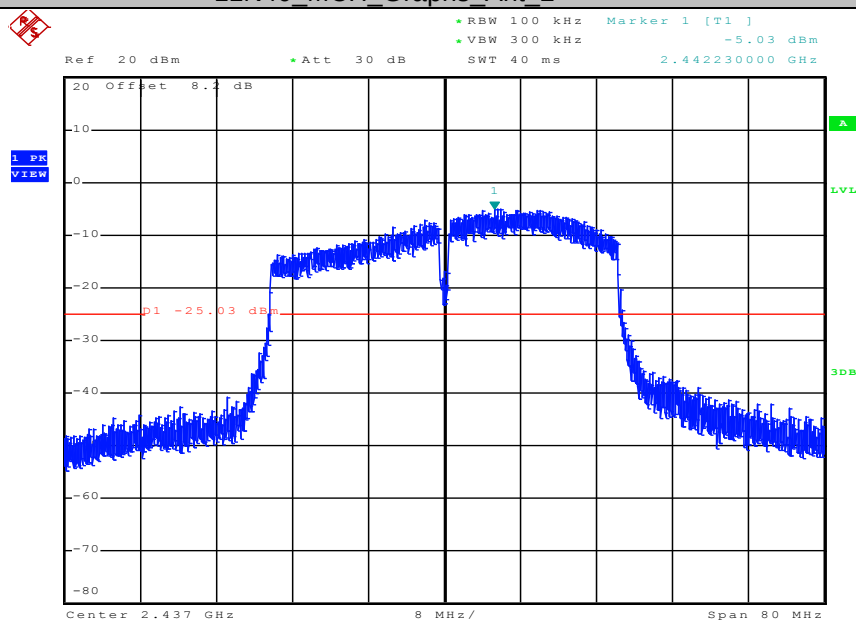
Puw/11N40/
LCH



Date: 30.SEP.2019 19:29:05

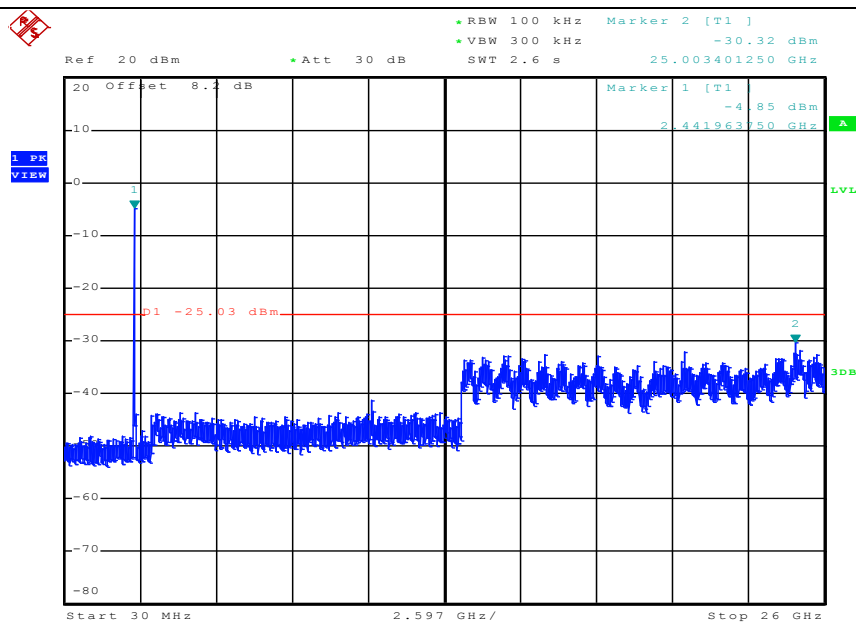
11N40 MCH Graphs Ant 2

Pref/11N40/
MCH



Date: 30.SEP.2019 19:31:17

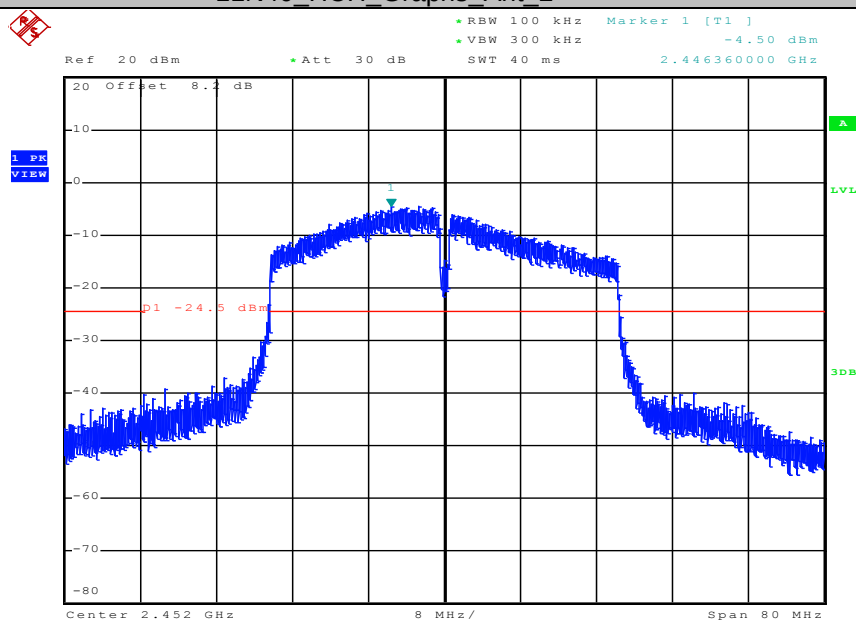
Puw/11N40/
MCH



Date: 30.SEP.2019 19:31:32

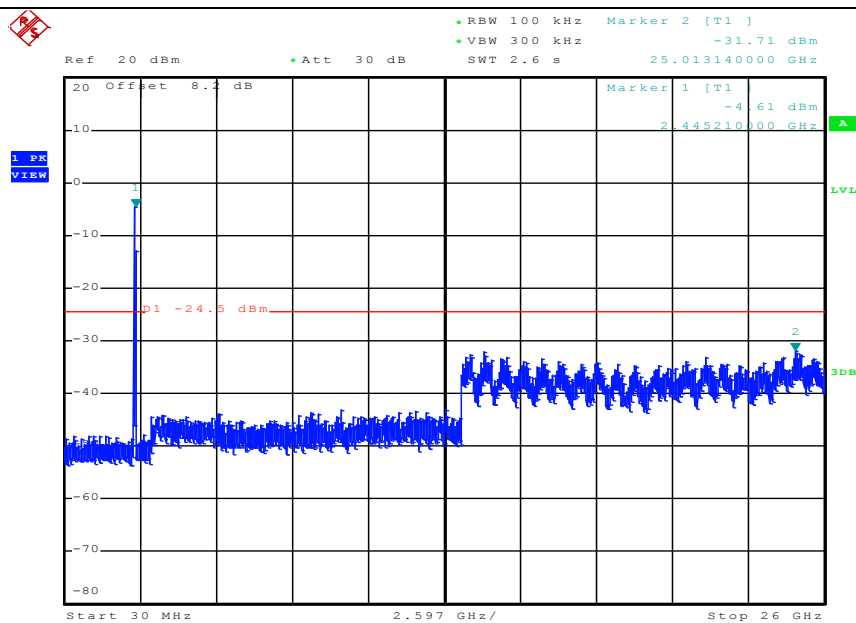
11N40 HCH Graphs Ant 2

Pref/11N40/
HCH



Date: 30.SEP.2019 19:33:47

Puw/11N40/
HCH



Date: 30.SEP.2019 19:34:02

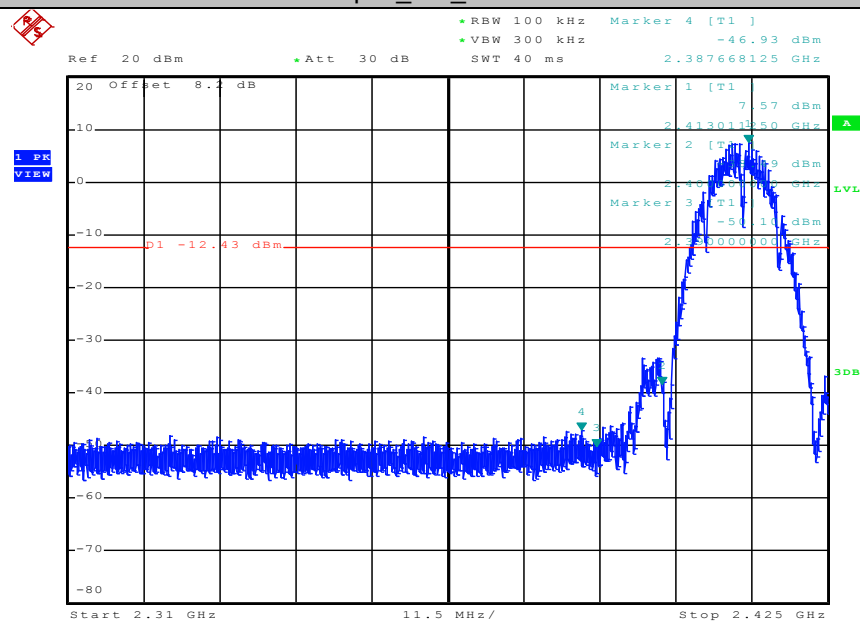
A.6 Band-edge for RF Conducted Emissions

Ant_1

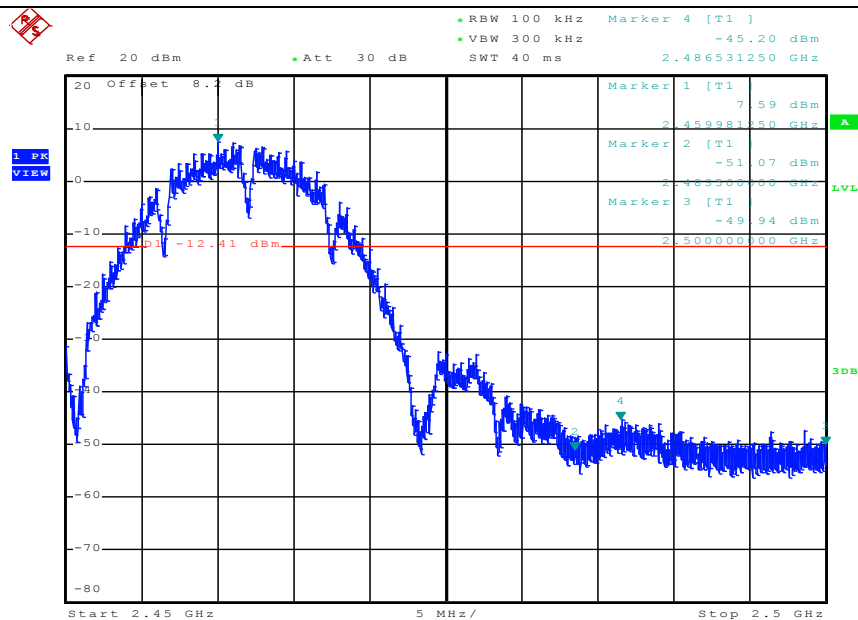
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	7.570	-46.930	-12.43	PASS
	HCH	7.590	-45.200	-12.41	PASS
11G	LCH	-0.280	-40.593	-20.28	PASS
	HCH	-0.360	-42.668	-20.36	PASS
11N20	LCH	-2.590	-45.035	-22.59	PASS
	HCH	-2.640	-44.414	-22.64	PASS
11N40	LCH	-6.600	-42.922	-26.6	PASS
	HCH	-3.800	-41.869	-23.8	PASS

Test Graphs_Ant_1

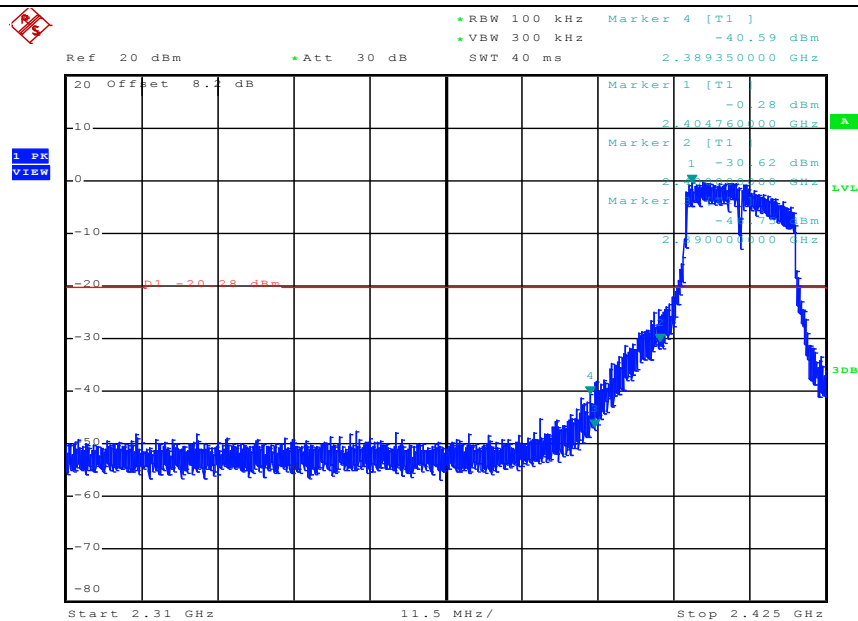
11B/LCH



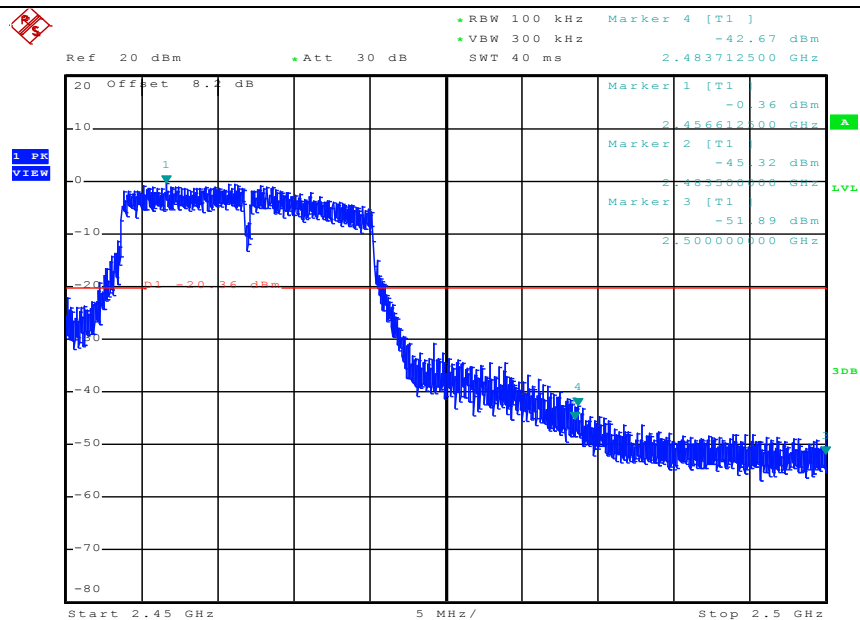
11B/HCH



11G/LCH

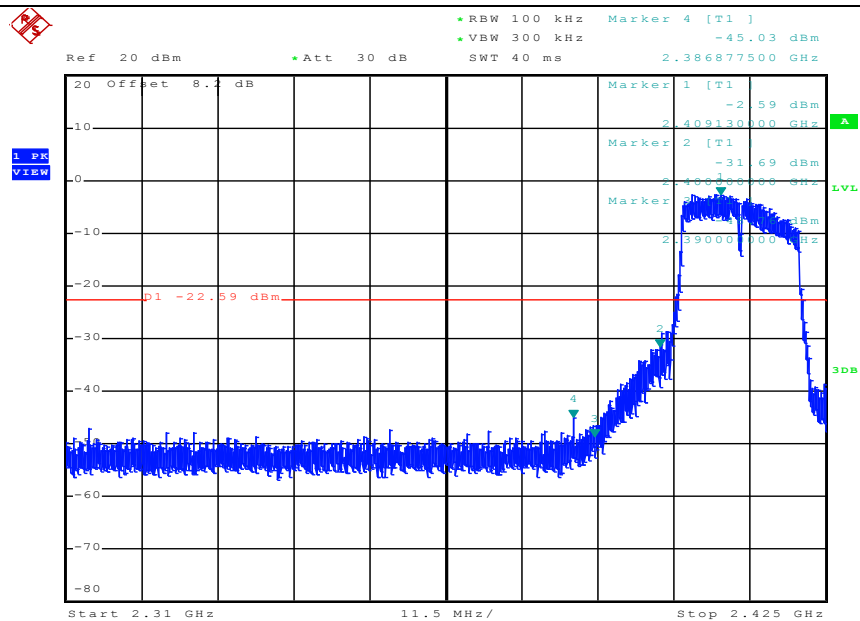


11G/HCH



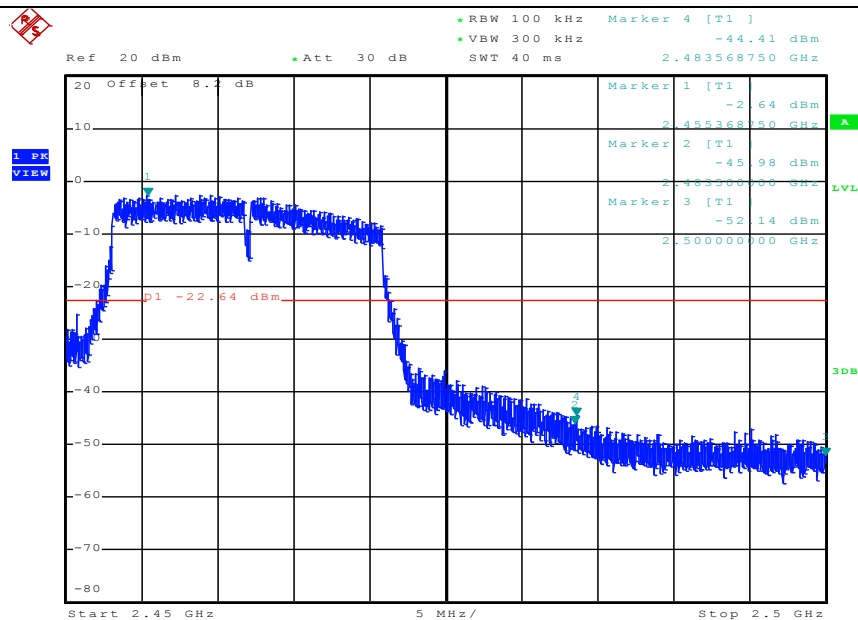
Date: 30.SEP.2019 18:33:35

11N20/LCH



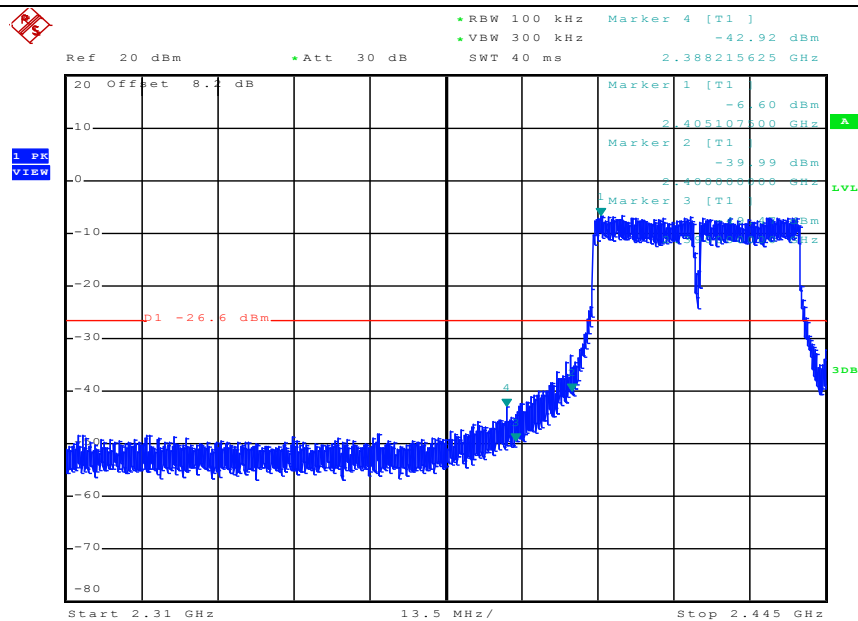
Date: 30.SEP.2019 18:36:15

11N20/HCH



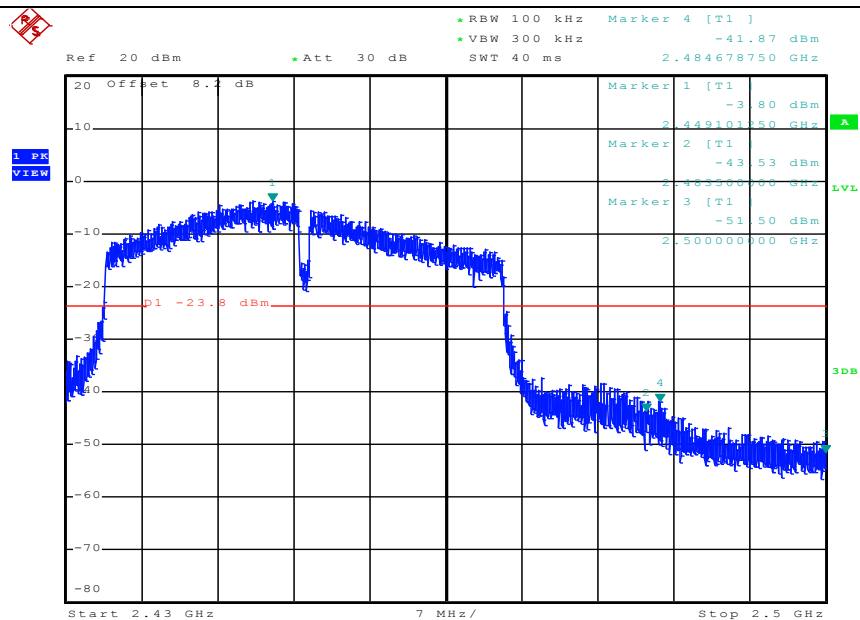
Date: 30.SEP.2019 18:40:57

11N40/LCH



Date: 30.SEP.2019 18:43:44

11N40/HCH



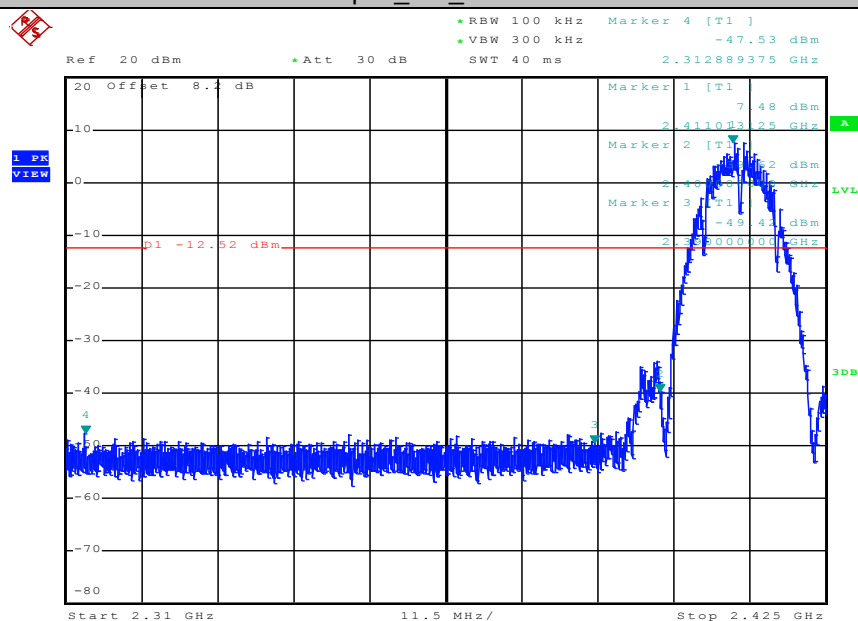
Date: 30.SEP.2019 18:48:05

Ant_2

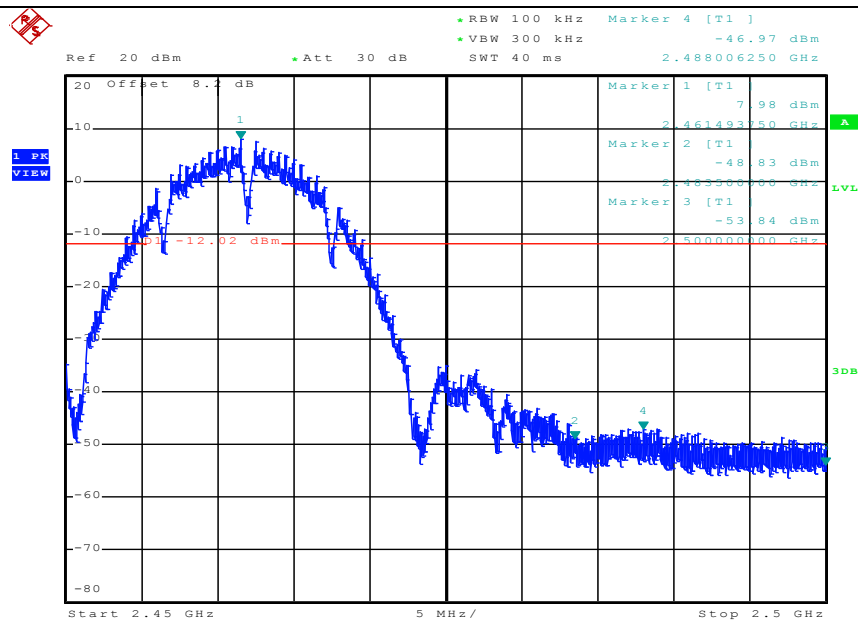
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	7.480	-47.530	-12.52	PASS
	HCH	7.980	-46.971	-12.02	PASS
11G	LCH	-1.290	-42.965	-21.29	PASS
	HCH	-1.210	-42.311	-21.21	PASS
11N20	LCH	-3.370	-47.618	-23.37	PASS
	HCH	-2.670	-44.725	-22.67	PASS
11N40	LCH	-6.820	-44.879	-26.82	PASS
	HCH	-4.270	-44.146	-24.27	PASS

Test Graphs_Ant_2

11B/LCH

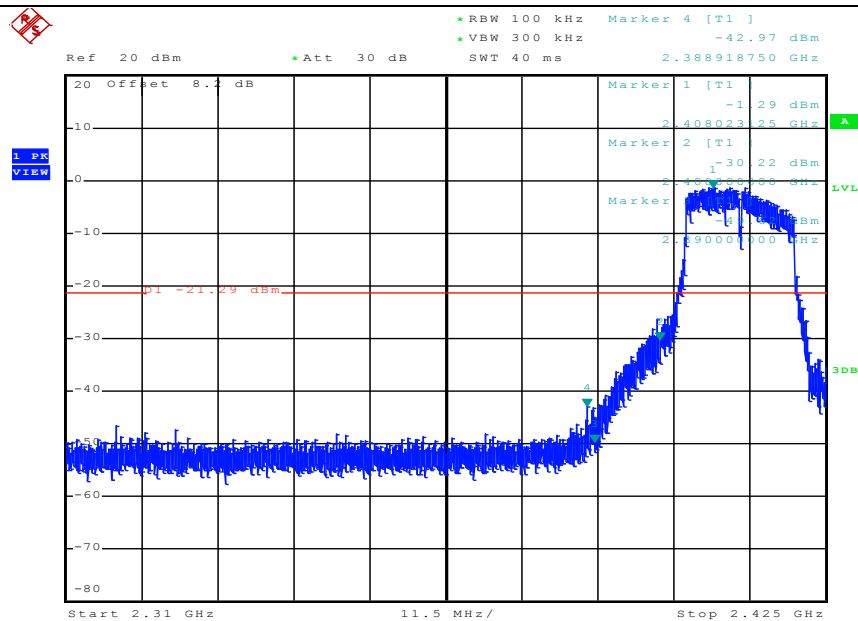


11B/HCH



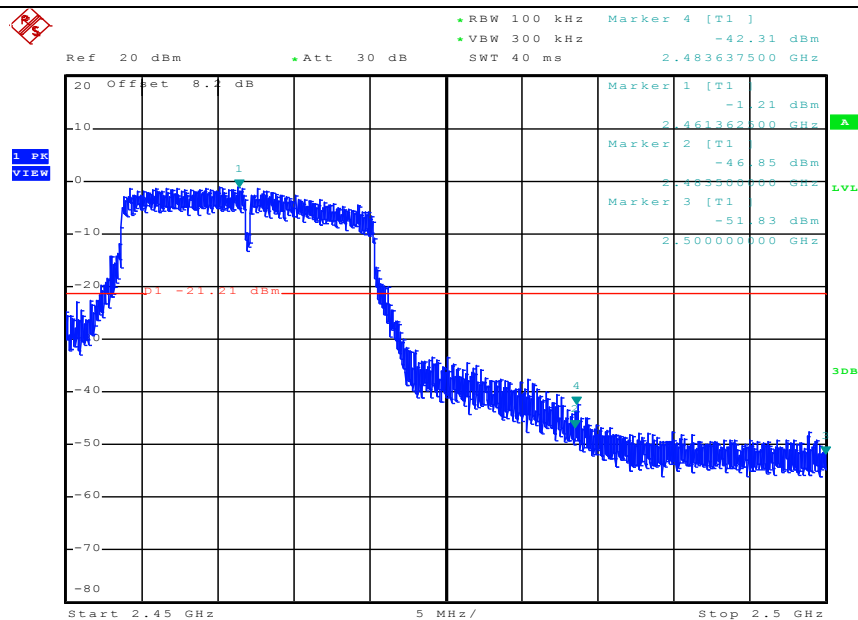
Date: 30.SEP.2019 19:07:57

11G/LCH



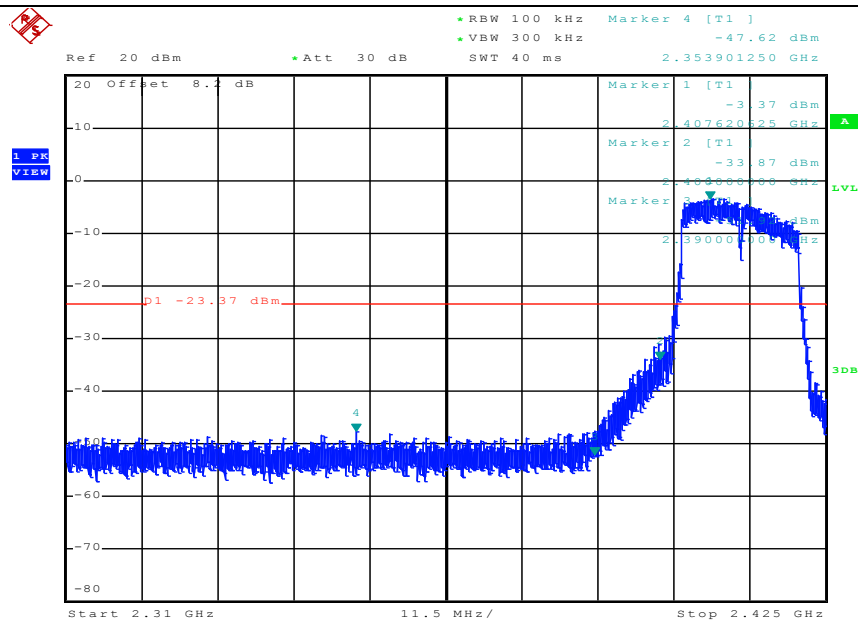
Date: 30.SEP.2019 19:10:45

11G/HCH



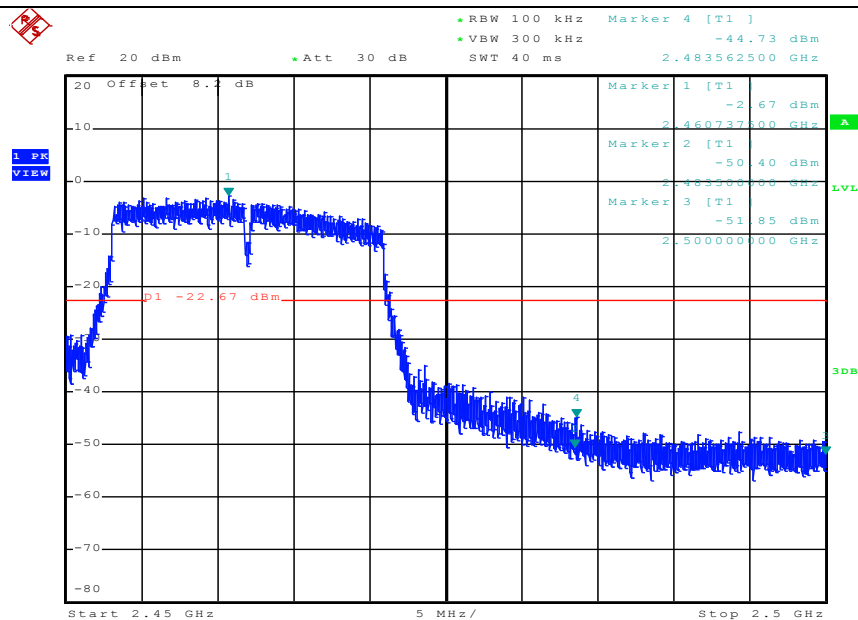
Date: 30.SEP.2019 19:15:04

11N20/LCH



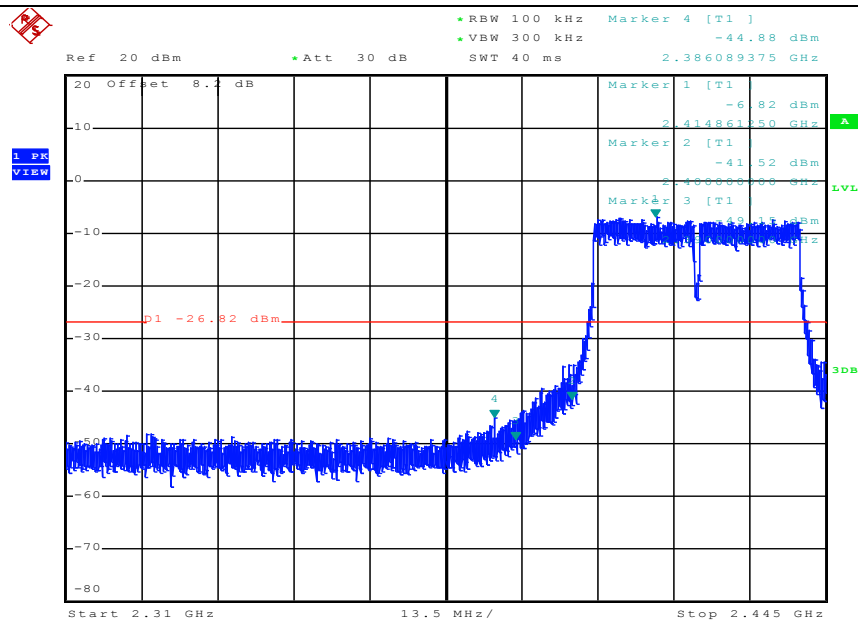
Date: 30.SEP.2019 19:17:48

11N20/HCH



Date: 30.SEP.2019 19:22:14

11N40/LCH

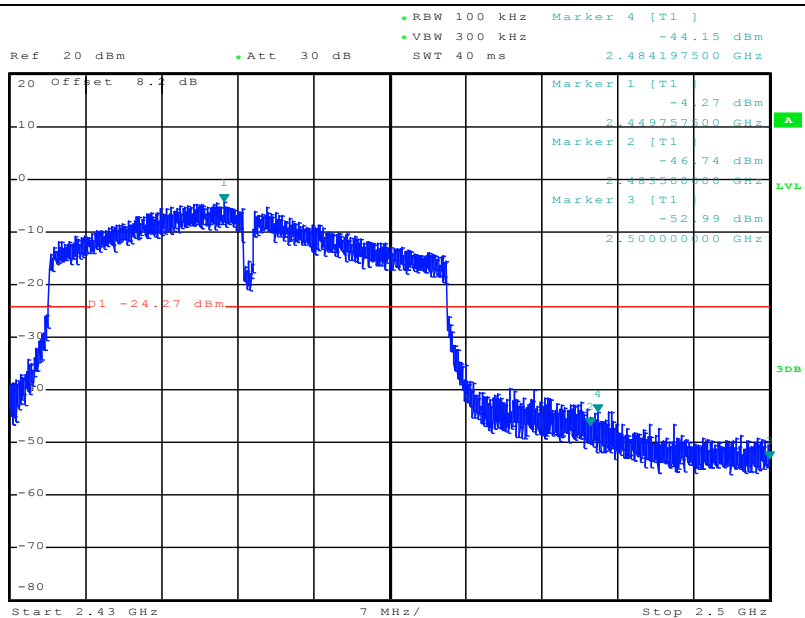


Date: 30.SEP.2019 19:28:38

11N40/HCH



1. PR
VIEW



Date: 30.SEP.2019 19:33:34

A.7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant_1	2310.0	-47.15	3.0	0	50.11	PEAK	74	PASS
	2412	Ant_1	2310.0	-57.20	3.0	0	40.06	AV	54	PASS
	2412	Ant_1	2390.0	-45.36	3.0	0	51.90	PEAK	74	PASS
	2412	Ant_1	2390.0	-54.59	3.0	0	42.67	AV	54	PASS
	2462	Ant_1	2483.5	-41.89	3.0	0	55.37	PEAK	74	PASS
	2462	Ant_1	2483.5	-52.01	3.0	0	45.25	AV	54	PASS
	2462	Ant_1	2500.0	-48.62	3.0	0	48.64	PEAK	74	PASS
	2462	Ant_1	2500.0	-57.33	3.0	0	39.93	AV	54	PASS
11G	2412	Ant_1	2310.0	-46.29	3.0	0	50.97	PEAK	74	PASS
	2412	Ant_1	2310.0	-57.25	3.0	0	40.01	AV	54	PASS
	2412	Ant_1	2390.0	-28.05	3.0	0	69.21	PEAK	74	PASS
	2412	Ant_1	2390.0	-44.70	3.0	0	52.56	AV	54	PASS
	2462	Ant_1	2483.5	-29.77	3.0	0	67.49	PEAK	74	PASS
	2462	Ant_1	2483.5	-45.91	3.0	0	51.35	AV	54	PASS
	2462	Ant_1	2500.0	-47.63	3.0	0	49.63	PEAK	74	PASS
	2462	Ant_1	2500.0	-57.36	3.0	0	39.90	AV	54	PASS
11N20	2412	Ant_1	2310.0	-47.40	3.0	0	49.86	PEAK	74	PASS
	2412	Ant_1	2310.0	-57.10	3.0	0	40.16	AV	54	PASS
	2412	Ant_1	2390.0	-39.31	3.0	0	57.95	PEAK	74	PASS
	2412	Ant_1	2390.0	-53.37	3.0	0	43.89	AV	54	PASS
	2462	Ant_1	2483.5	-37.61	3.0	0	59.65	PEAK	74	PASS
	2462	Ant_1	2483.5	-49.97	3.0	0	47.29	AV	54	PASS
	2462	Ant_1	2500.0	-46.81	3.0	0	50.45	PEAK	74	PASS
	2462	Ant_1	2500.0	-57.25	3.0	0	40.01	AV	54	PASS
11N40	2422	Ant_1	2310.0	-47.85	3.0	0	49.41	PEAK	74	PASS
	2422	Ant_1	2310.0	-57.11	3.0	0	40.15	AV	54	PASS

	2422	Ant_1	2390.0	-37.81	3.0	0	59.45	PEAK	74	PASS
	2422	Ant_1	2390.0	-52.18	3.0	0	45.08	AV	54	PASS
	2452	Ant_1	2483.5	-40.15	3.0	0	57.11	PEAK	74	PASS
	2452	Ant_1	2483.5	-53.04	3.0	0	44.22	AV	54	PASS
	2452	Ant_1	2500.0	-47.46	3.0	0	49.80	PEAK	74	PASS
	2452	Ant_1	2500.0	-57.15	3.0	0	40.11	AV	54	PASS

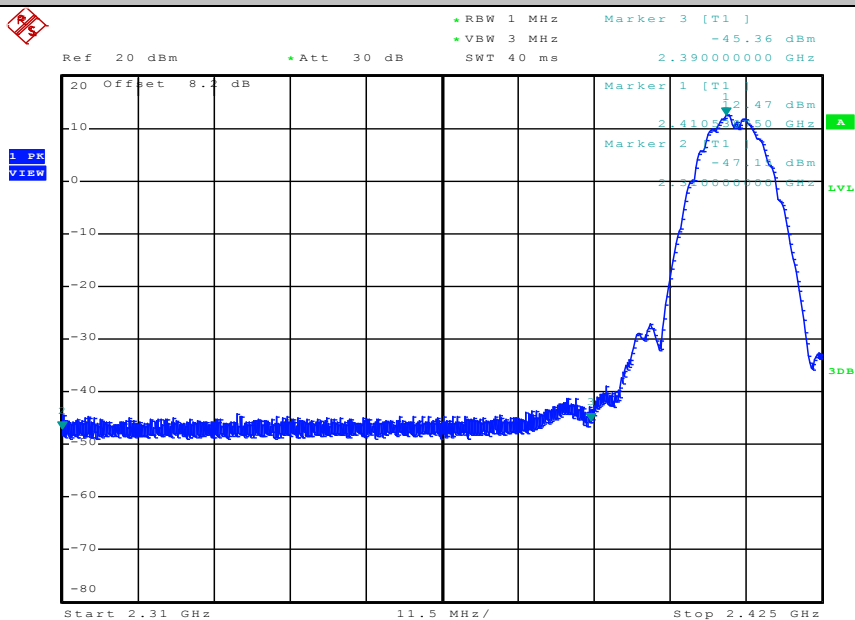
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant_2	2310.0	-47.27	3.0	0	49.99	PEAK	74	PASS
	2412	Ant_2	2310.0	-57.22	3.0	0	40.04	AV	54	PASS
	2412	Ant_2	2390.0	-43.47	3.0	0	53.79	PEAK	74	PASS
	2412	Ant_2	2390.0	-54.59	3.0	0	42.67	AV	54	PASS
	2462	Ant_2	2483.5	-42.56	3.0	0	54.70	PEAK	74	PASS
	2462	Ant_2	2483.5	-51.85	3.0	0	45.41	AV	54	PASS
	2462	Ant_2	2500.0	-48.85	3.0	0	48.41	PEAK	74	PASS
	2462	Ant_2	2500.0	-57.33	3.0	0	39.93	AV	54	PASS
11G	2412	Ant_2	2310.0	-47.31	3.0	0	49.95	PEAK	74	PASS
	2412	Ant_2	2310.0	-57.21	3.0	0	40.05	AV	54	PASS
	2412	Ant_2	2390.0	-26.45	3.0	0	70.81	PEAK	74	PASS
	2412	Ant_2	2390.0	-48.46	3.0	0	48.80	AV	54	PASS
	2462	Ant_2	2483.5	-32.62	3.0	0	64.64	PEAK	74	PASS
	2462	Ant_2	2483.5	-46.92	3.0	0	50.34	AV	54	PASS
	2462	Ant_2	2500.0	-46.67	3.0	0	50.59	PEAK	74	PASS
	2462	Ant_2	2500.0	-57.36	3.0	0	39.90	AV	54	PASS
11N20	2412	Ant_2	2310.0	-46.82	3.0	0	50.44	PEAK	74	PASS
	2412	Ant_2	2310.0	-57.21	3.0	0	40.05	AV	54	PASS
	2412	Ant_2	2390.0	-35.10	3.0	0	62.16	PEAK	74	PASS
	2412	Ant_2	2390.0	-51.51	3.0	0	45.75	AV	54	PASS
	2462	Ant_2	2483.5	-33.81	3.0	0	63.45	PEAK	74	PASS
	2462	Ant_2	2483.5	-52.27	3.0	0	44.99	AV	54	PASS
	2462	Ant_2	2500.0	-46.31	3.0	0	50.95	PEAK	74	PASS

	2462	Ant_2	2500.0	-57.35	3.0	0	39.91	AV	54	PASS
11N40	2422	Ant_2	2310.0	-46.99	3.0	0	50.27	PEAK	74	PASS
	2422	Ant_2	2310.0	-57.13	3.0	0	40.13	AV	54	PASS
	2422	Ant_2	2390.0	-37.05	3.0	0	60.21	PEAK	74	PASS
	2422	Ant_2	2390.0	-53.94	3.0	0	43.32	AV	54	PASS
	2452	Ant_2	2483.5	-38.80	3.0	0	58.46	PEAK	74	PASS
	2452	Ant_2	2483.5	-50.87	3.0	0	46.39	AV	54	PASS
	2452	Ant_2	2500.0	-47.08	3.0	0	50.18	PEAK	74	PASS
	2452	Ant_2	2500.0	-57.22	3.0	0	40.04	AV	54	PASS

Combined Ant_1 and Ant_2

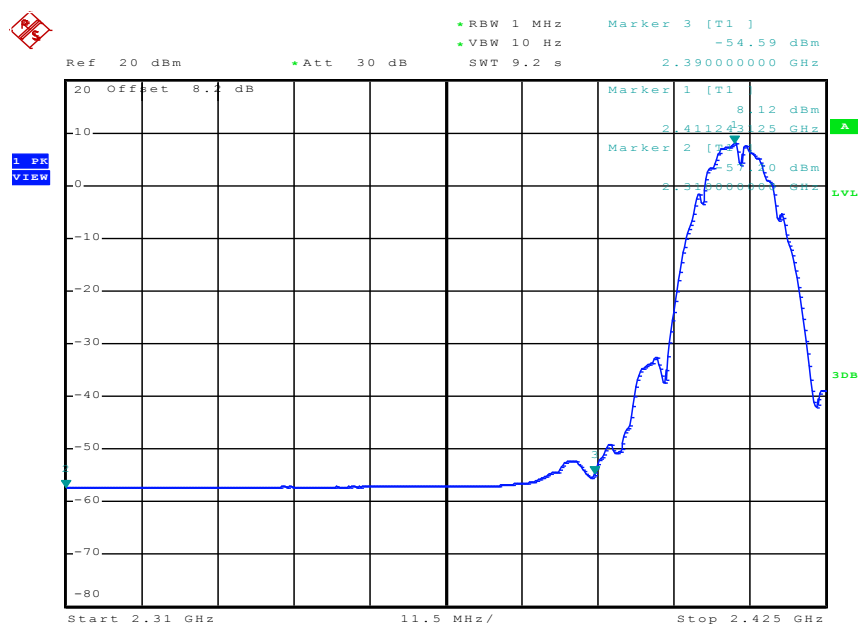
Test Mode	Test Channel	Freq.	Power [dBm]			Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
			Ant0	Ant1	Sum						
11N20	2412	2310.0	-47.40	-46.82	-44.09	6.010	0	57.15	PEAK	74	PASS
	2412	2310.0	-57.10	-57.21	-54.14	6.010	0	47.10	AV	54	PASS
	2412	2390.0	-39.31	-35.10	-33.70	6.010	0	67.54	PEAK	74	PASS
	2412	2390.0	-53.37	-51.51	-49.33	6.010	0	51.91	AV	54	PASS
	2462	2483.5	-37.61	-33.81	-32.30	6.010	0	68.94	PEAK	74	PASS
	2462	2483.5	-49.97	-52.27	-47.96	6.010	0	53.28	AV	54	PASS
	2462	2500.0	-46.81	-46.31	-43.54	6.010	0	57.70	PEAK	74	PASS
	2462	2500.0	-57.25	-57.35	-54.29	6.010	0	46.95	AV	54	PASS
11N40	2422	2310.0	-47.85	-46.99	-44.39	6.010	0	56.85	PEAK	74	PASS
	2422	2310.0	-57.11	-57.13	-54.11	6.010	0	47.13	AV	54	PASS
	2422	2390.0	-37.81	-37.05	-34.40	6.010	0	66.84	PEAK	74	PASS
	2422	2390.0	-52.18	-53.94	-49.96	6.010	0	51.28	AV	54	PASS
	2452	2483.5	-40.15	-38.80	-36.41	6.010	0	64.83	PEAK	74	PASS
	2452	2483.5	-53.04	-50.87	-48.81	6.010	0	52.43	AV	54	PASS
	2452	2500.0	-47.46	-47.08	-44.26	6.010	0	56.98	PEAK	74	PASS
	2452	2500.0	-57.15	-57.22	-54.17	6.010	0	47.07	AV	54	PASS

Restrict-band band-edge measurements_11B_2412_Ant_1_PEAK



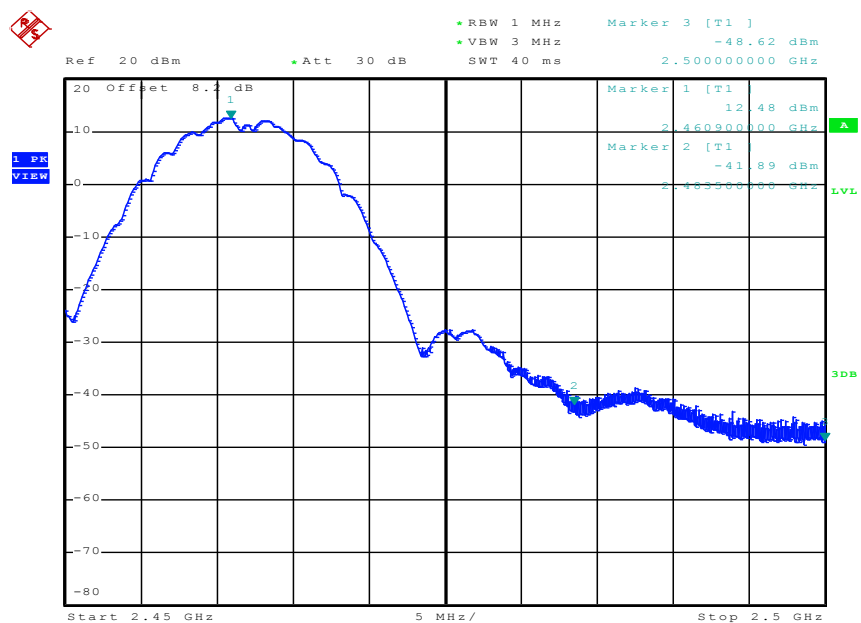
Date: 30.SEP.2019 18:18:06

Restrict-band band-edge measurements_11B_2412_Ant_1_AV



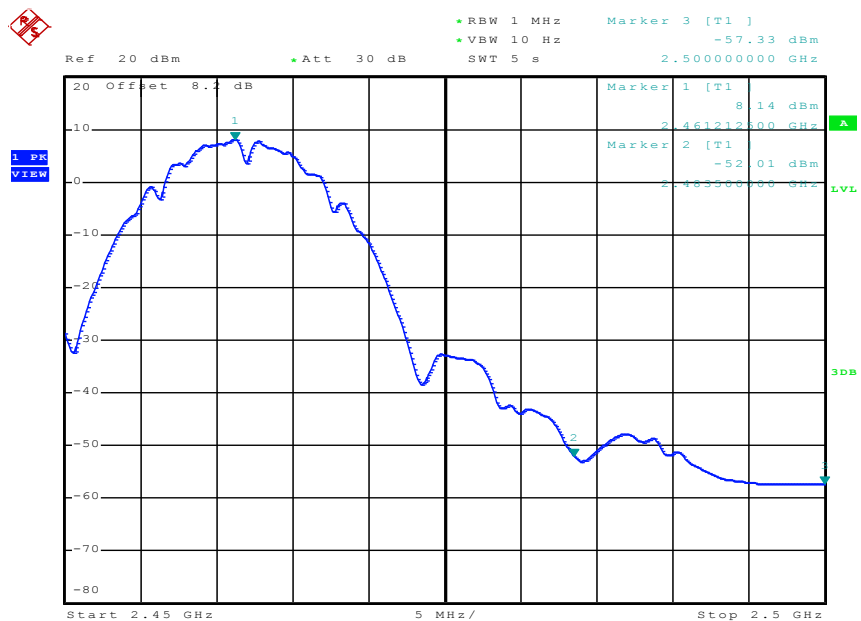
Date: 30.SEP.2019 18:18:56

Restrict-band band-edge measurements_11B_2462_Ant_1_PEAK



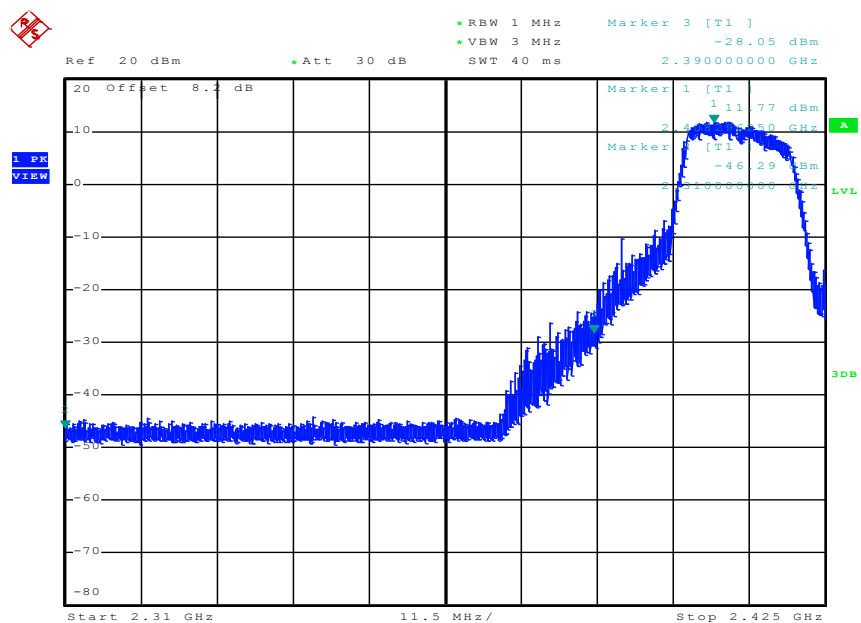
Date: 30.SEP.2019 18:23:11

Restrict-band band-edge measurements_11B_2462_Ant_1_AV



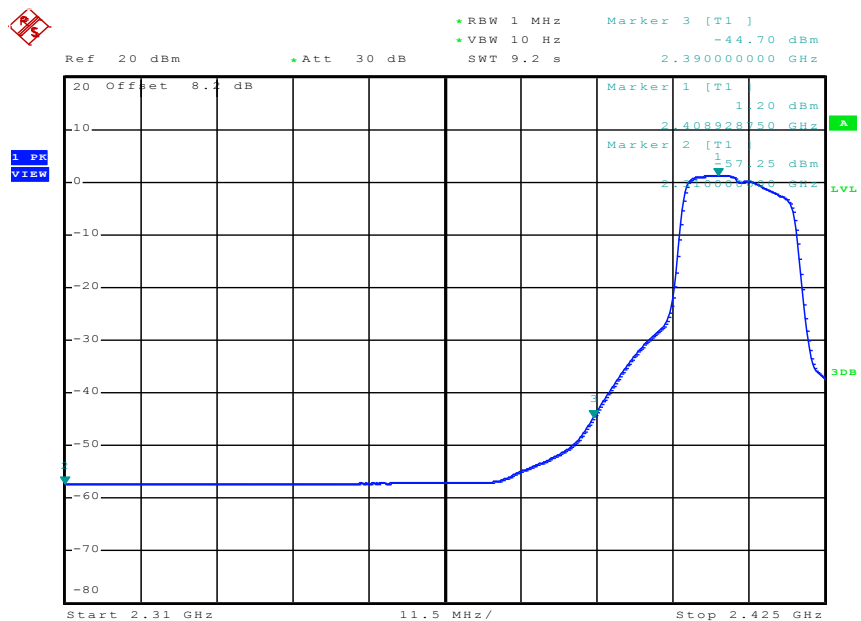
Date: 30.SEP.2019 18:23:41

Restrict-band band-edge measurements_11G_2412_Ant_1_PEAK



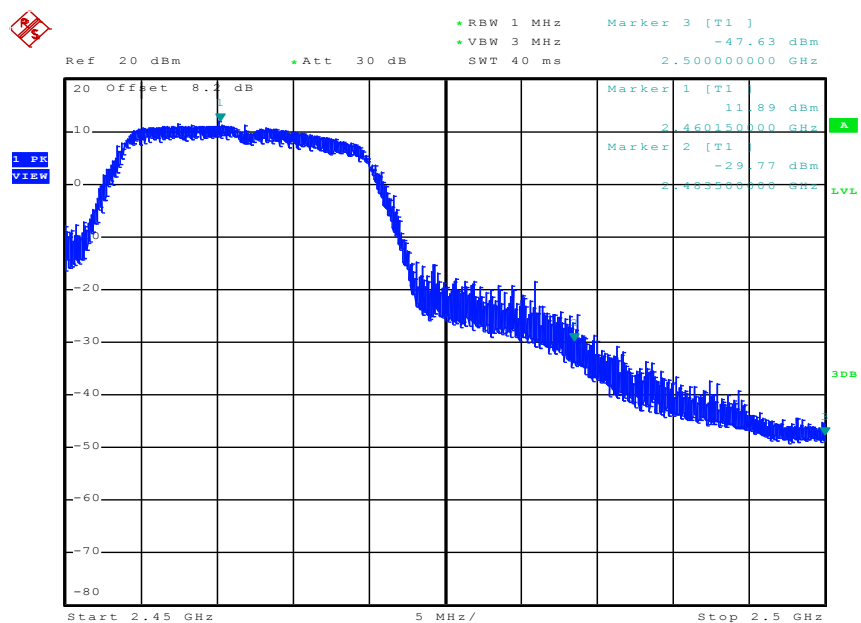
Date: 30.SEP.2019 18:29:38

Restrict-band band-edge measurements_11G_2412_Ant_1_AV



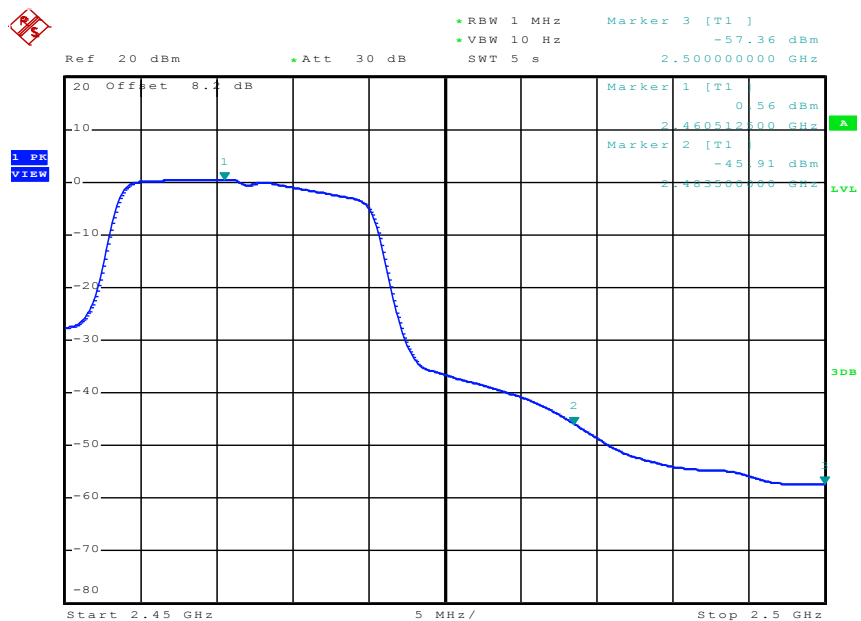
Date: 30.SEP.2019 18:30:09

Restrict-band band-edge measurements_11G_2462_Ant_1_PEAK



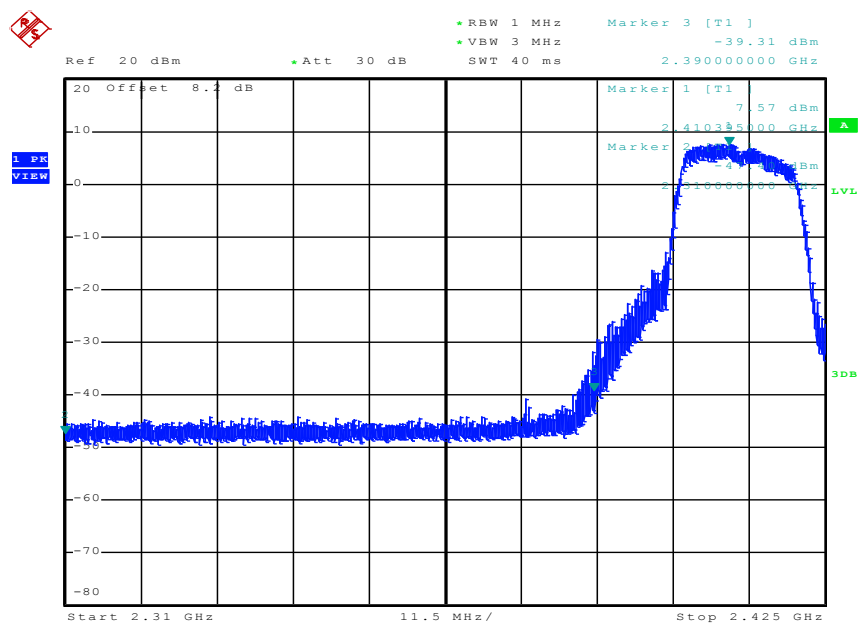
Date: 30.SEP.2019 18:34:22

Restrict-band band-edge measurements_11G_2462_Ant_1_AV



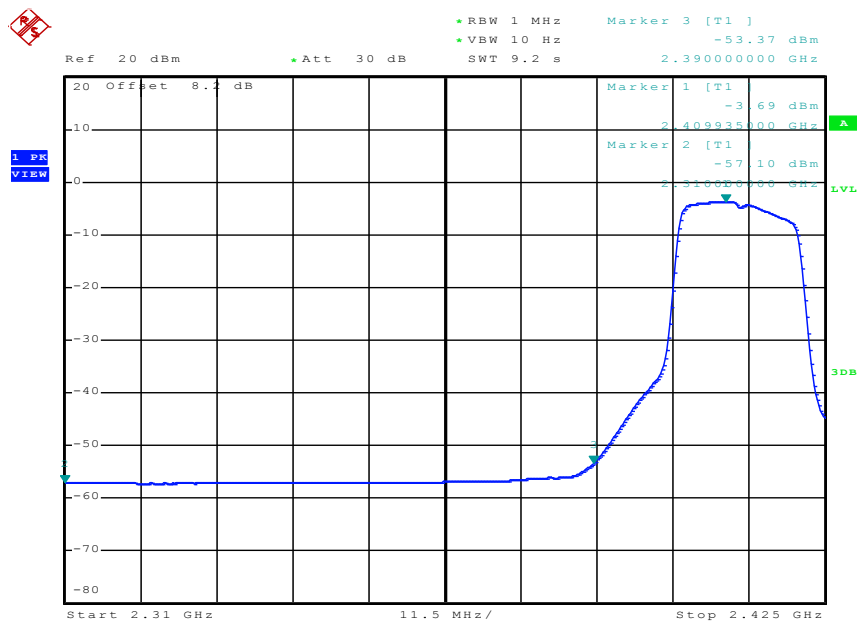
Date: 30.SEP.2019 18:34:37

Restrict-band band-edge measurements_11N20_2412_Ant_1_PEAK



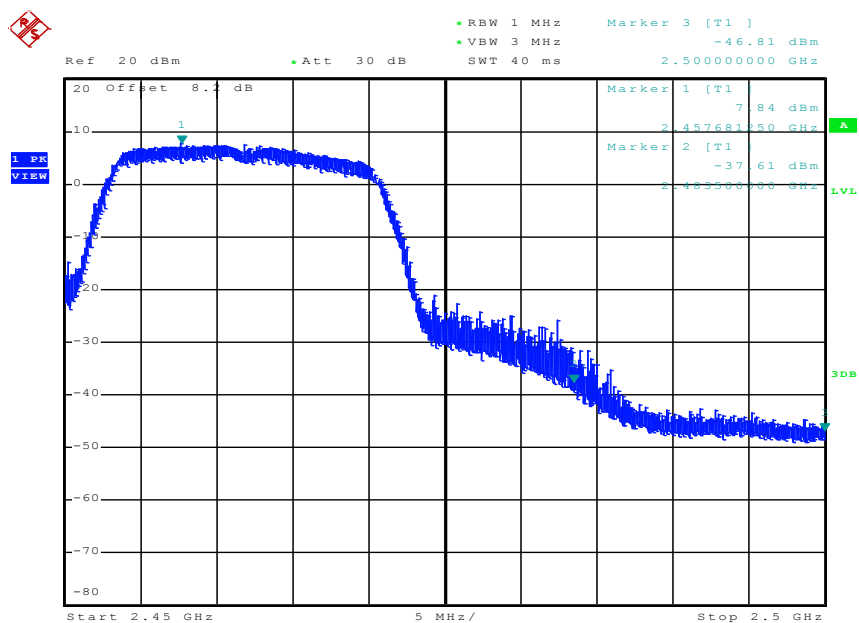
Date: 30.SEP.2019 12:04:44

Restrict-band band-edge measurements_11N20_2412_Ant_1_AV



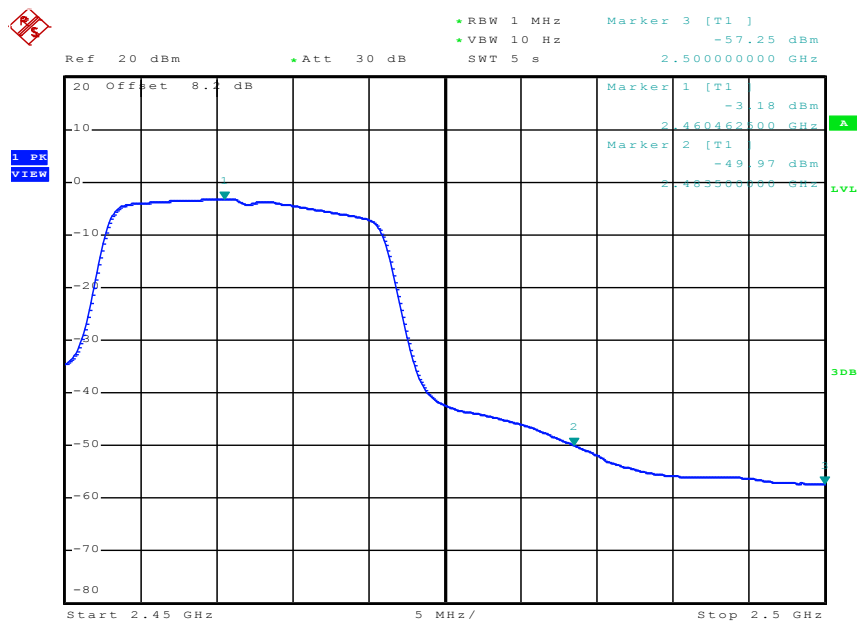
Date: 30.SEP.2019 12:05:05

Restrict-band band-edge measurements_11N20_2462_Ant_1_PEAK



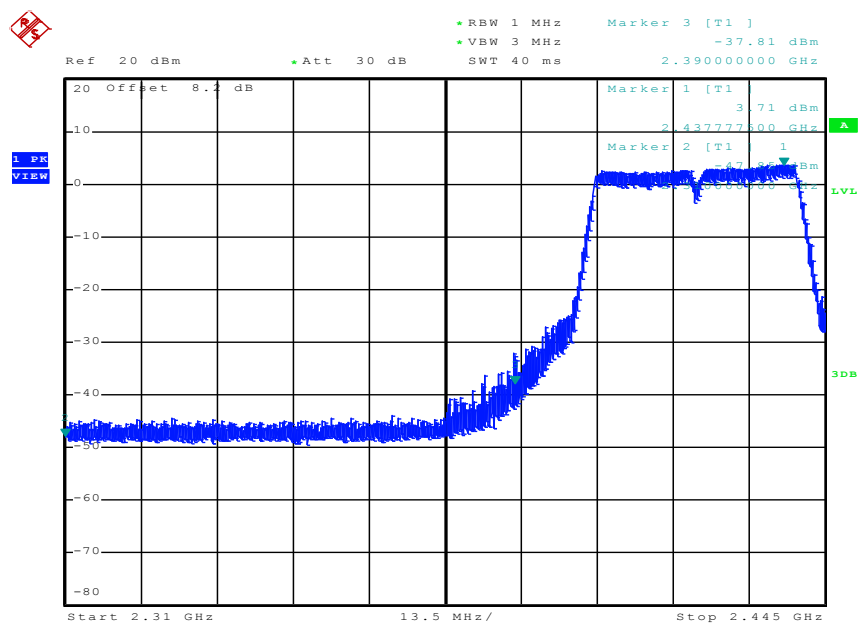
Date: 30.SEP.2019 12:06:24

Restrict-band band-edge measurements_11N20_2462_Ant_1_AV



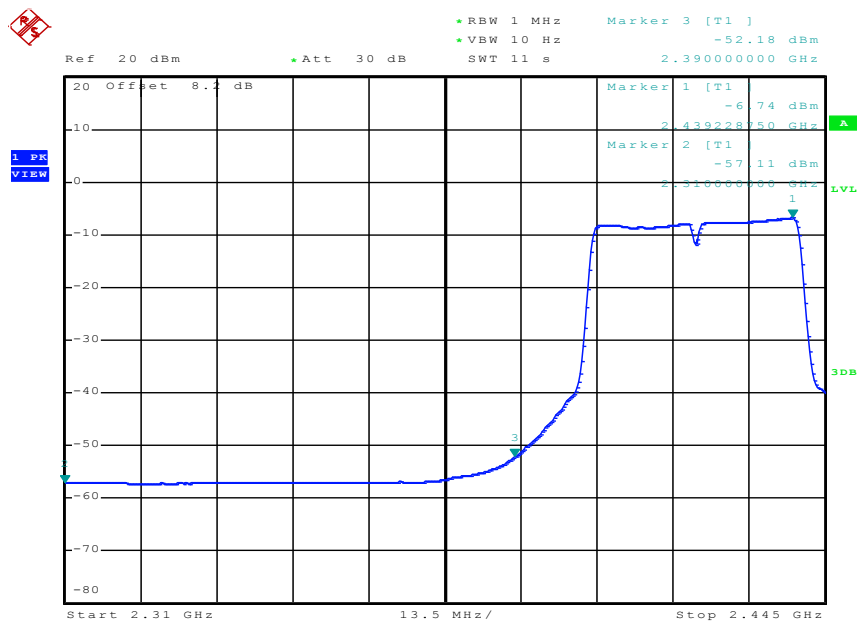
Date: 30.SEP.2019 12:06:40

Restrict-band band-edge measurements_11N40_2422_Ant_1_PEAK



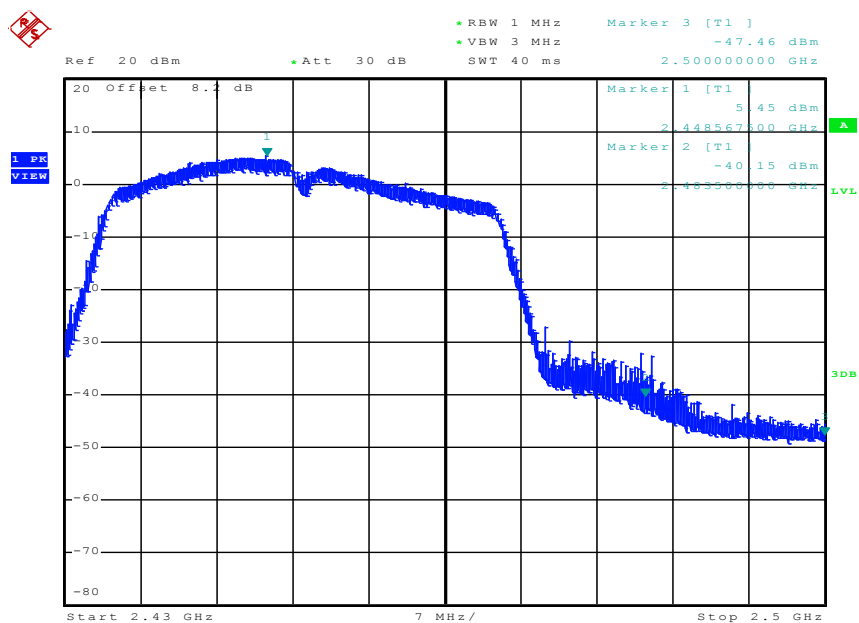
Date: 30.SEP.2019 12:07:11

Restrict-band band-edge measurements_11N40_2422_Ant_1_AV



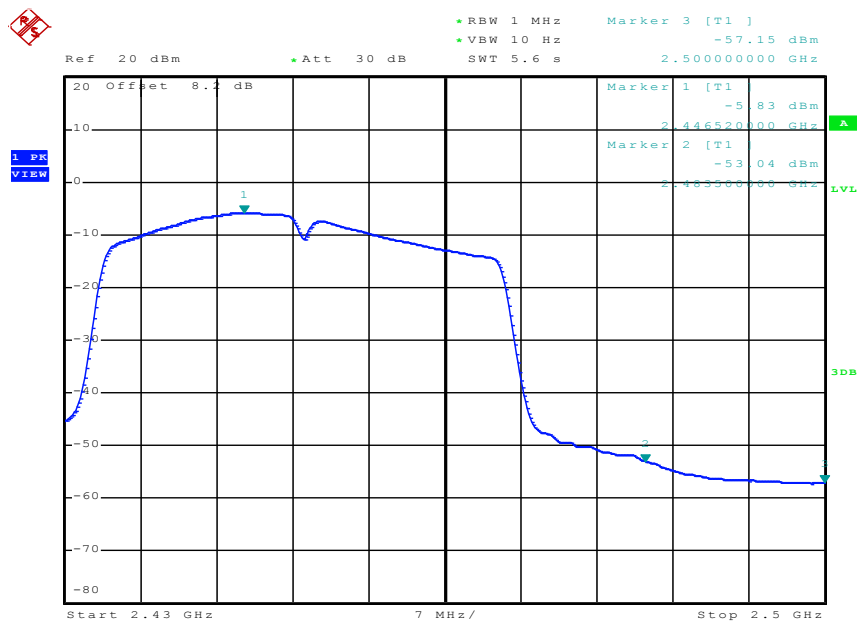
Date: 30.SEP.2019 12:07:31

Restrict-band band-edge measurements_11N40_2452_Ant_1_PEAK



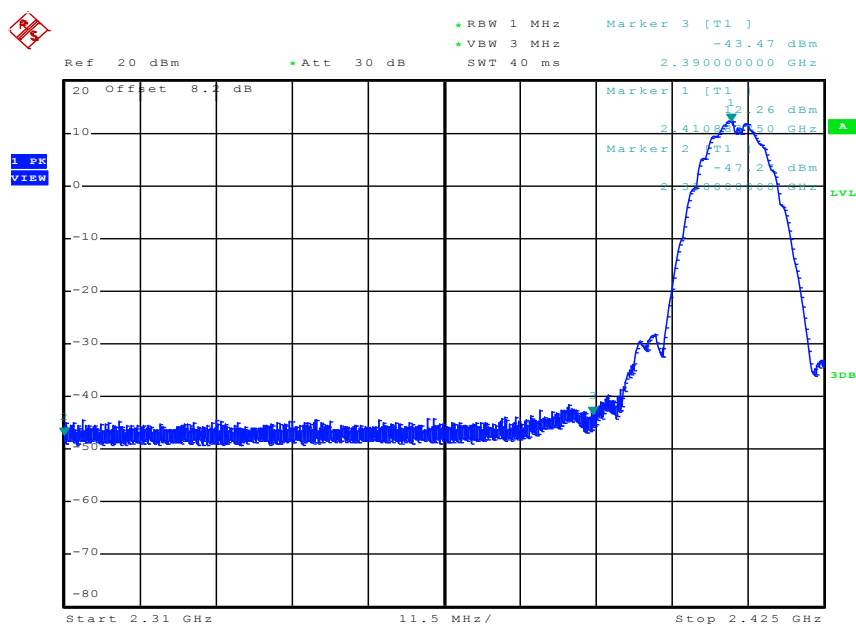
Date: 30.SEP.2019 12:08:03

Restrict-band band-edge measurements_11N40_2452_Ant_1_AV



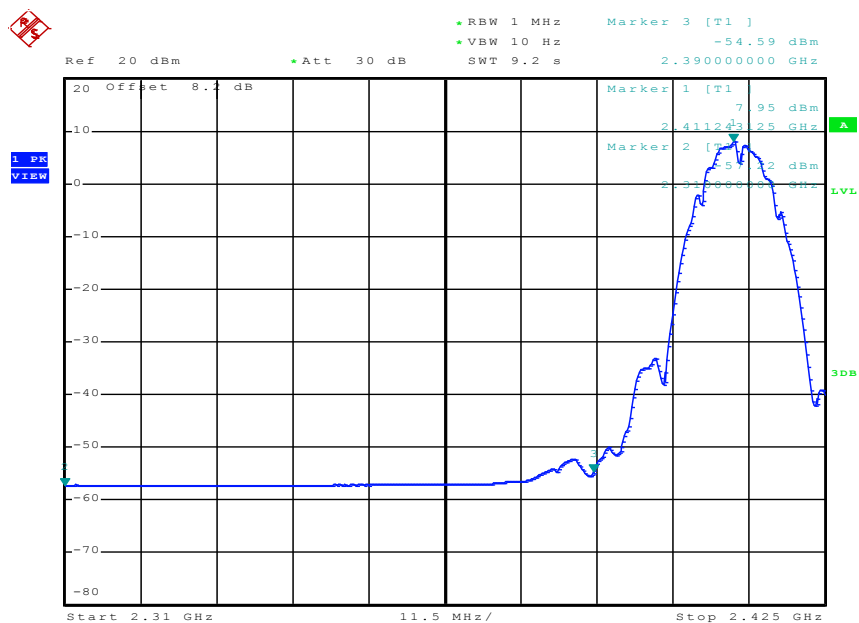
Date: 30.SEP.2019 12:08:18

Restrict-band band-edge measurements_11B_2412_Ant_2_PEAK



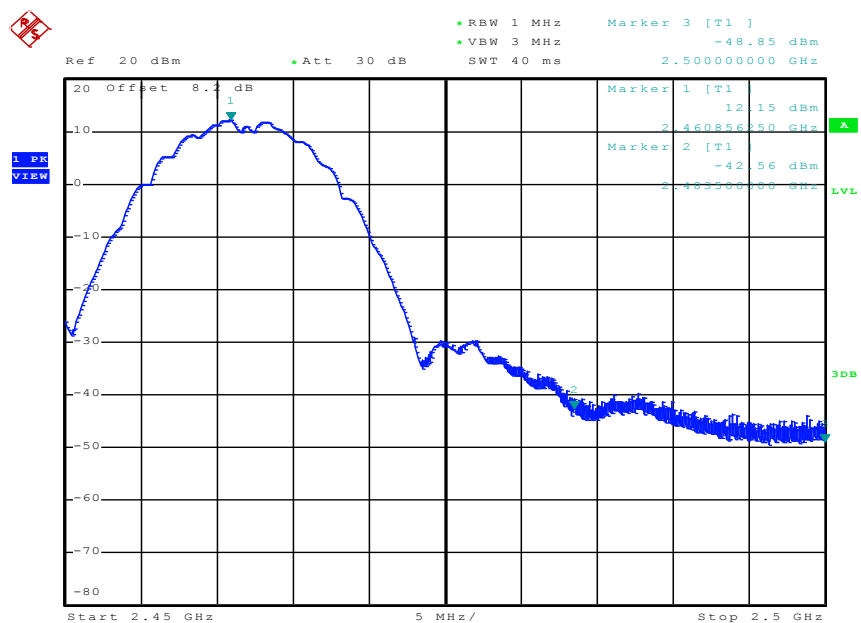
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Restrict-band band-edge measurements_11B_2412_Ant_2_AV



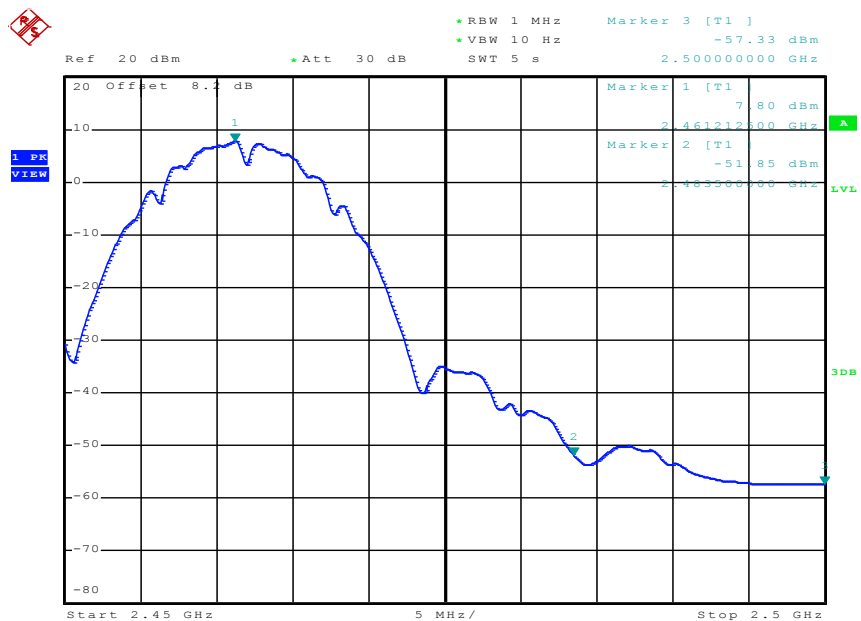
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Restrict-band band-edge measurements_11B_2462_Ant_2_PEAK



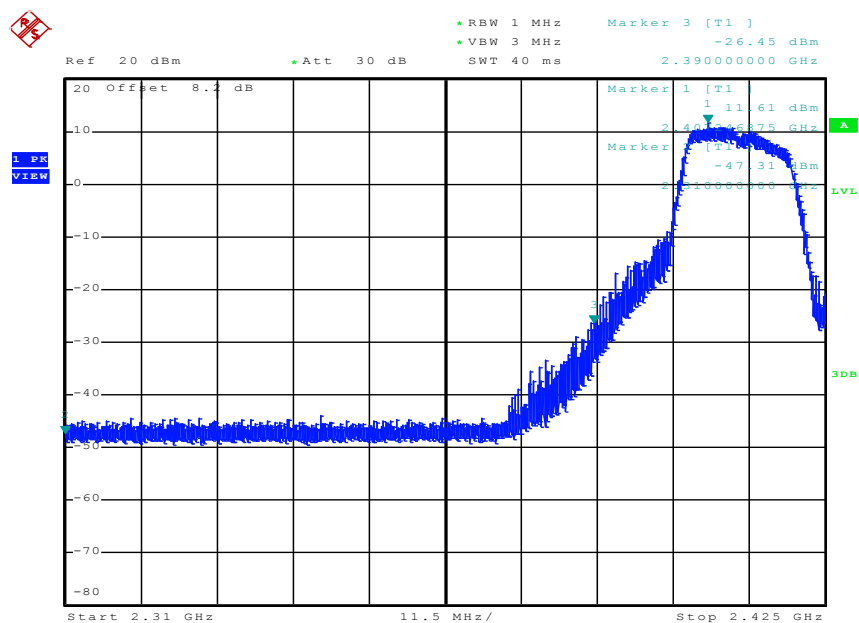
Date: 30.SEP.2019 19:08:43

Restrict-band band-edge measurements_11B_2462_Ant_2_AV



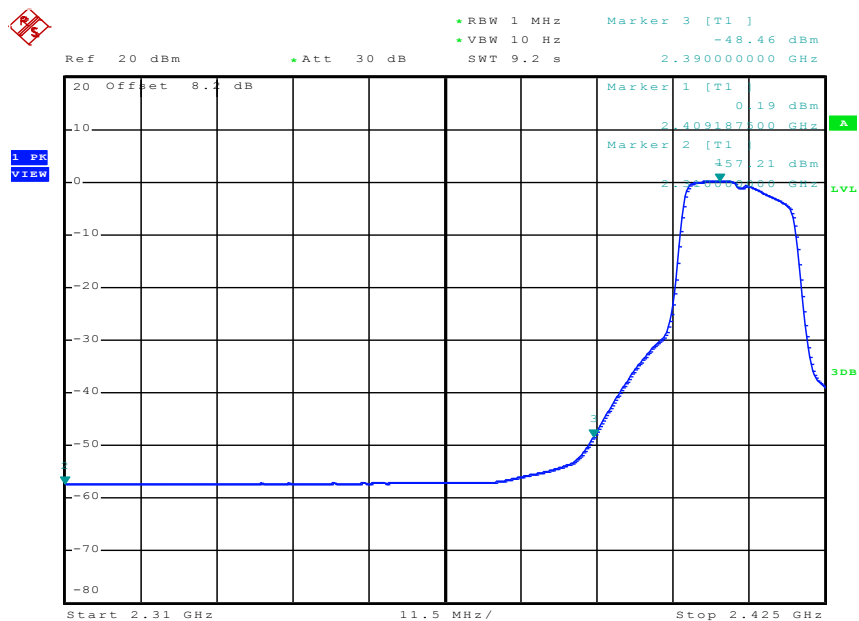
Date: 30.SEP.2019 19:08:59

Restrict-band band-edge measurements_11G_2412_Ant_2_PEAK



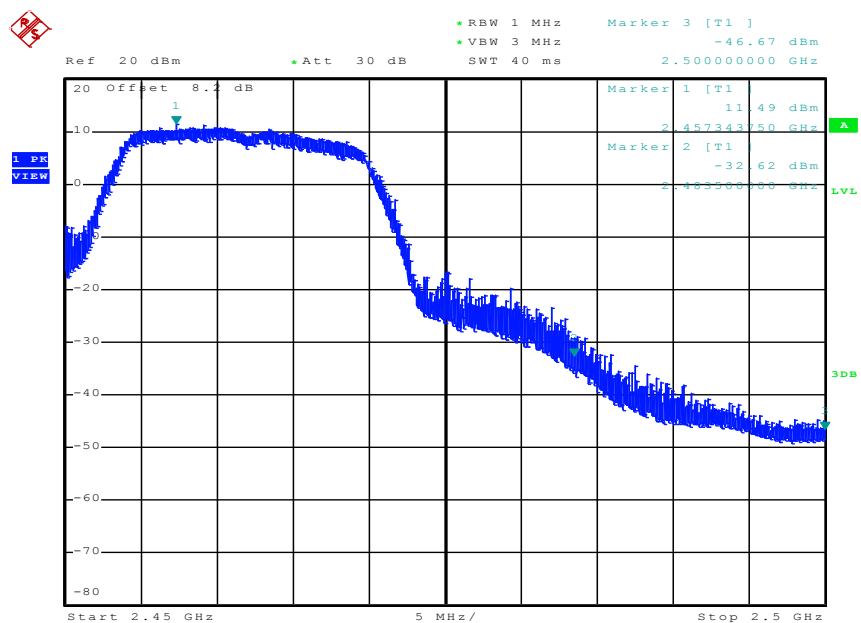
Date: 30.SEP.2019 19:11:32

Restrict-band band-edge measurements_11G_2412_Ant_2_AV



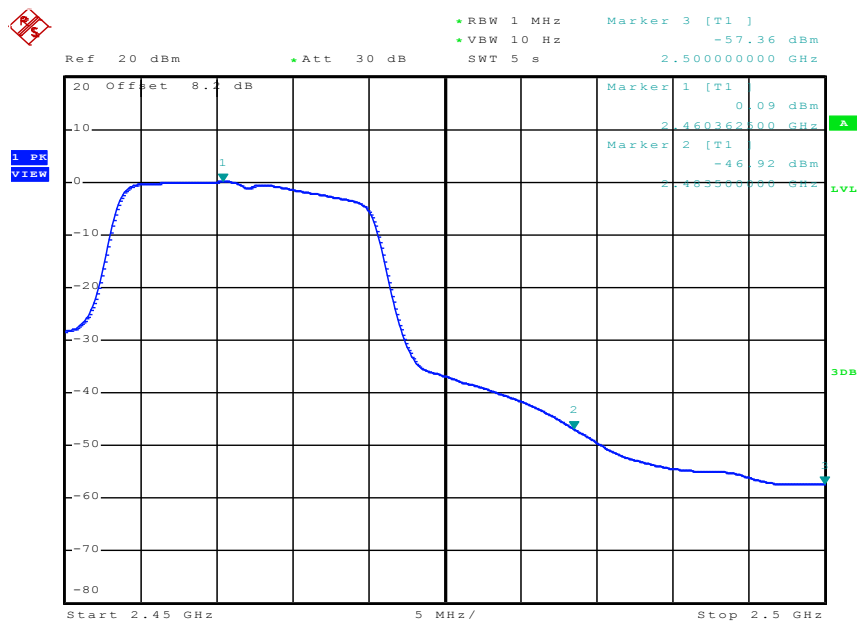
Date: 30.SEP.2019 19:11:52

Restrict-band band-edge measurements_11G_2462_Ant_2_PEAK



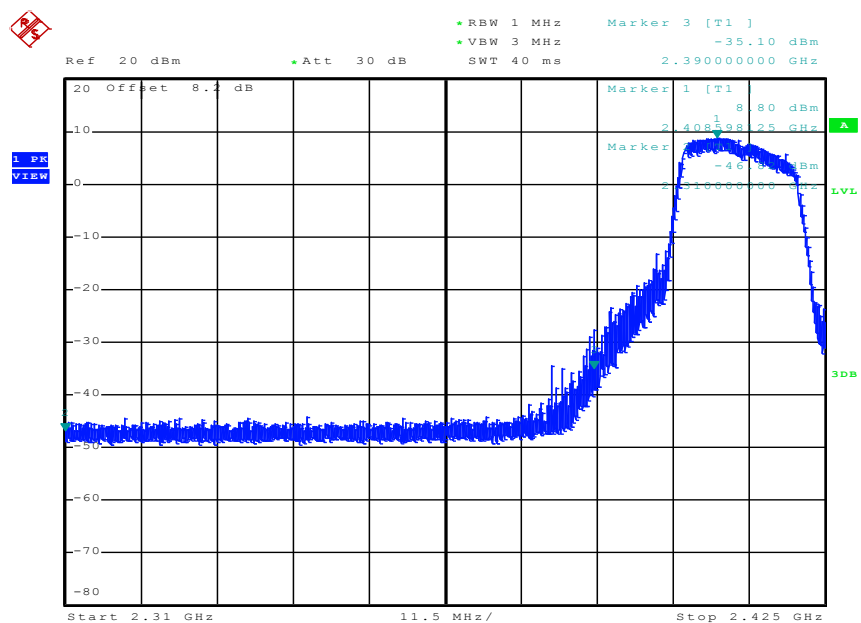
Date: 30.SEP.2019 19:15:51

Restrict-band band-edge measurements_11G_2462_Ant_2_AV



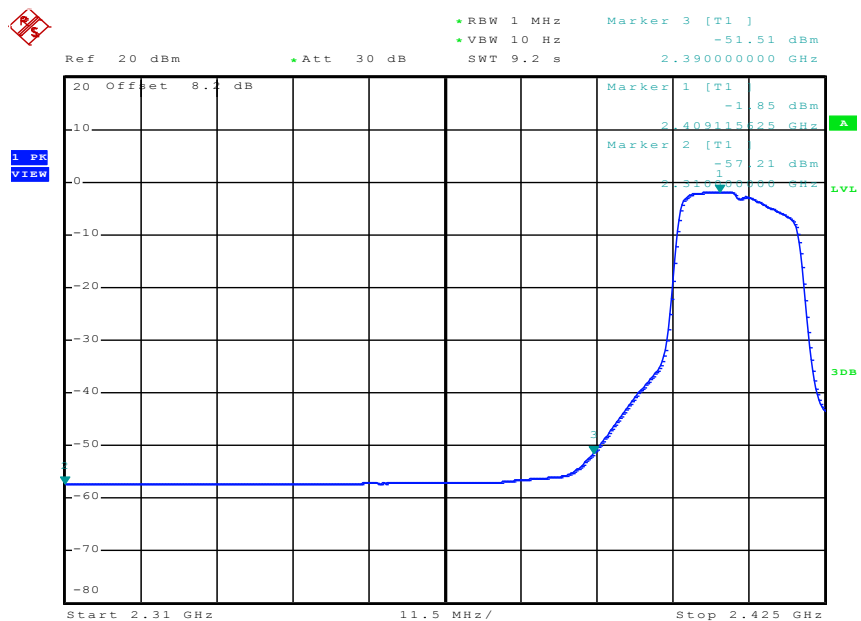
Date: 30.SEP.2019 19:16:06

Restrict-band band-edge measurements_11N20_2412_Ant_2_PEAK



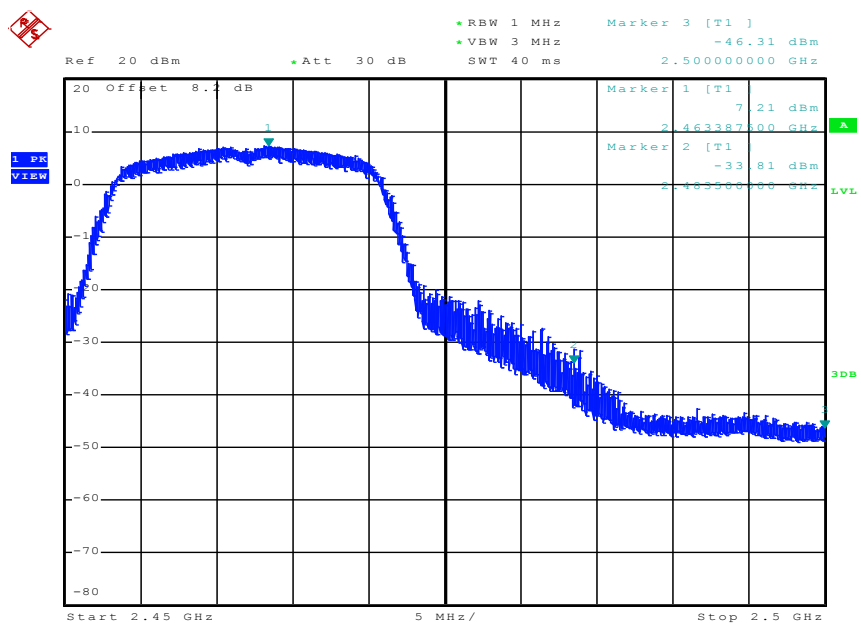
Date: 30.SEP.2019 19:18:34

Restrict-band band-edge measurements_11N20_2412_Ant_2_AV



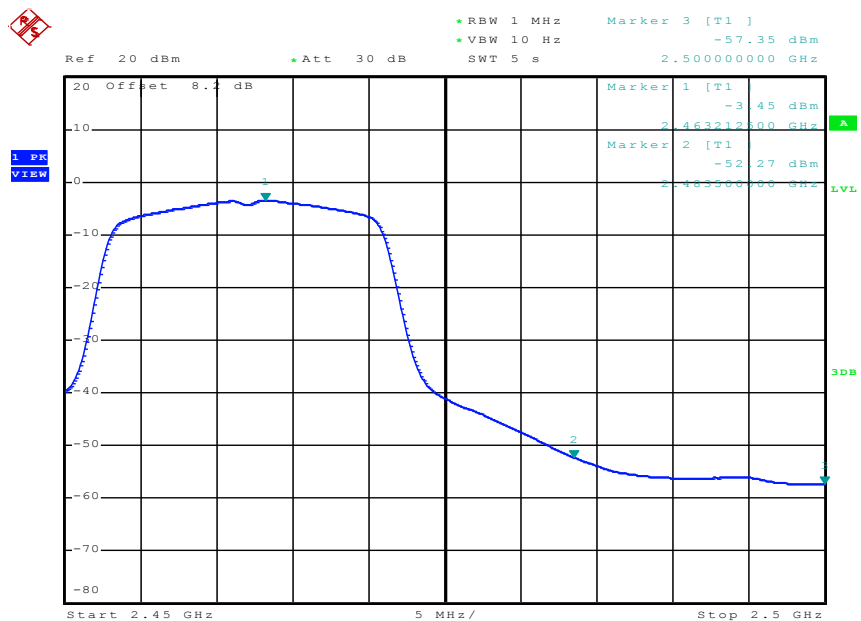
Date: 30.SEP.2019 19:18:59

Restrict-band band-edge measurements_11N20_2462_Ant_2_PEAK



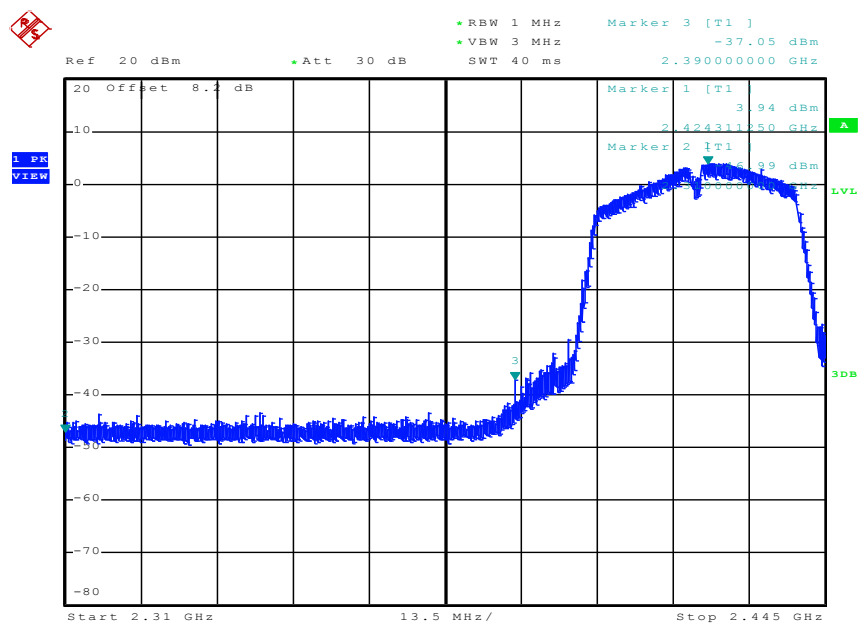
Date: 30.SEP.2019 11:51:55

Restrict-band band-edge measurements_11N20_2462_Ant_2_AV



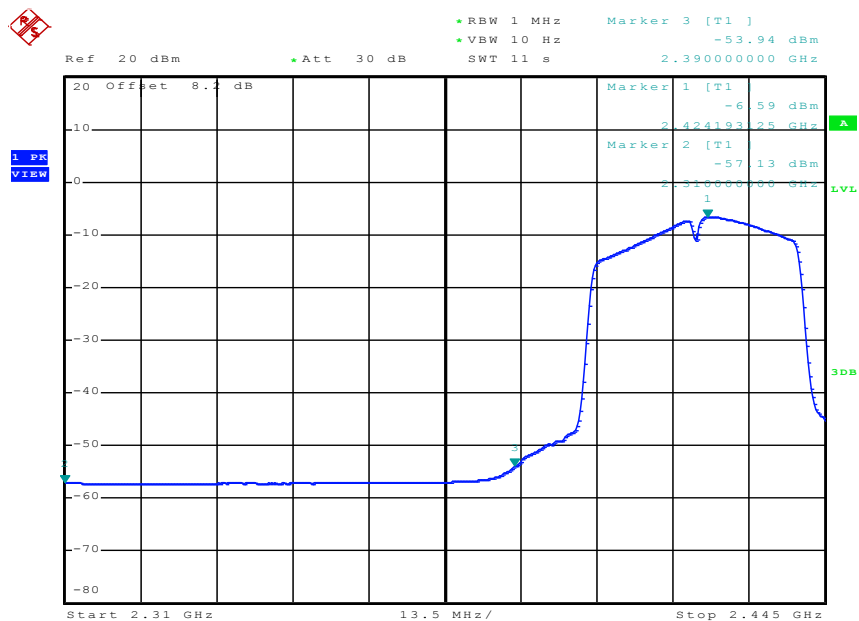
Date: 30.SEP.2019 11:52:10

Restrict-band band-edge measurements_11N40_2422_Ant_2_PEAK



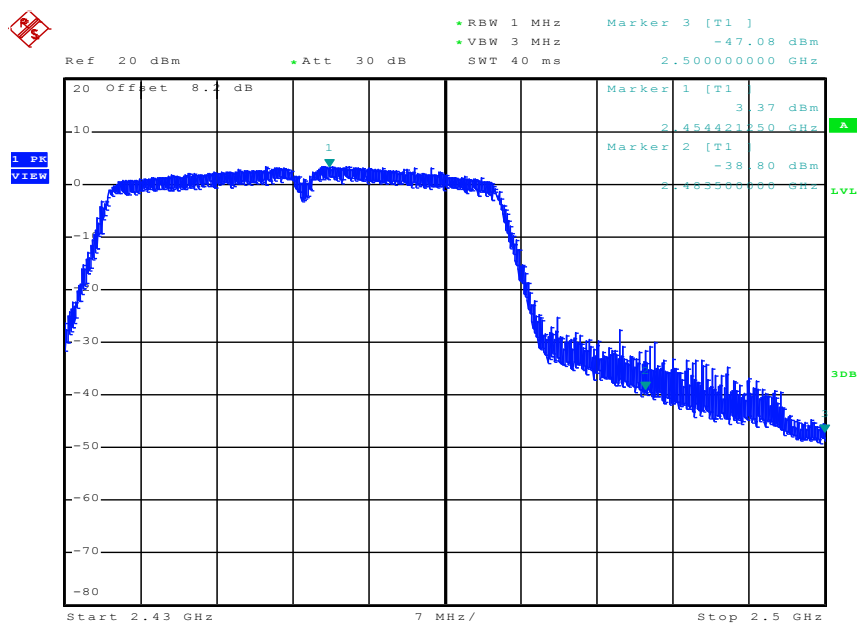
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Restrict-band band-edge measurements_11N40_2422_Ant_2_AV



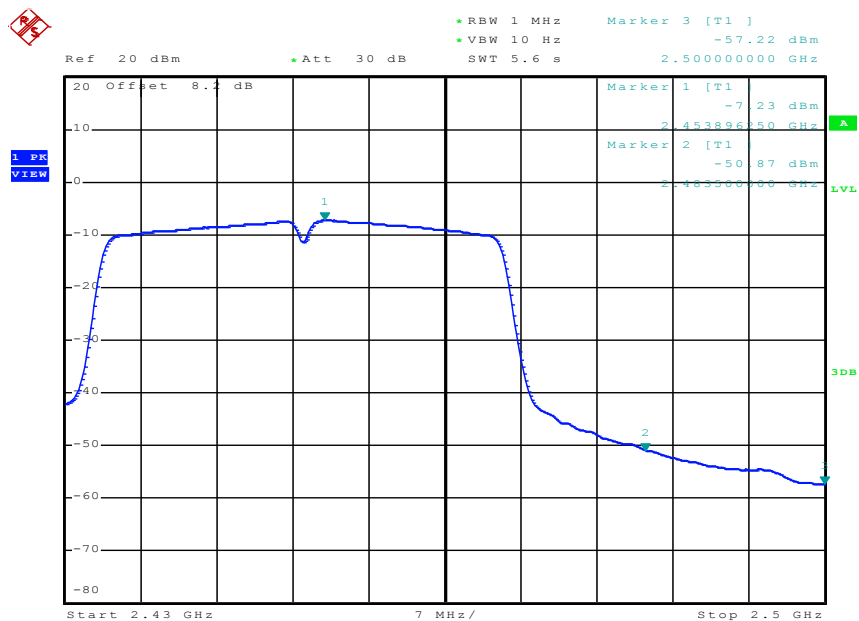
Date: 30.SEP.2019 11:50:59

Restrict-band band-edge measurements_11N40_2452_Ant_2_PEAK



Date: 30.SEP.2019 11:49:52

Restrict-band band-edge measurements_11N40_2452_Ant_2_AV



Date: 30.SEP.2019 11:50:07