

Please refer to following tables and plots:

Cellular Band (Part 22H)

Mode	Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Emission Bandwidth (kHz)
GPRS	128	824.2	246.02	319.80
	190	836.6	243.13	315.50
	251	848.8	243.13	312.60
EGPRS	128	824.2	238.78	314.00
	190	836.6	238.78	316.90
	251	848.8	240.23	315.50

	Frequency (MHz)	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
RMC	826.4	4.12	4.69
	836.6	4.11	4.70
	846.6	4.15	4.70
HSDPA	826.4	4.12	4.70
	836.6	4.17	5.20
	846.6	4.12	4.69
HSUPA	826.4	4.12	4.69
	836.6	4.12	4.69
	846.6	4.12	4.69

PCS Band (Part 24E)

Mode	Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Emission Bandwidth (kHz)
GPRS(GMSK)	512	1850.2	243.13	305.40
	661	1880.0	243.13	303.90
	810	1909.8	246.02	312.30
EGPRS(8PSK)	512	1850.2	241.68	316.90
	661	1880.0	240.23	314.00
	810	1909.8	240.23	315.50

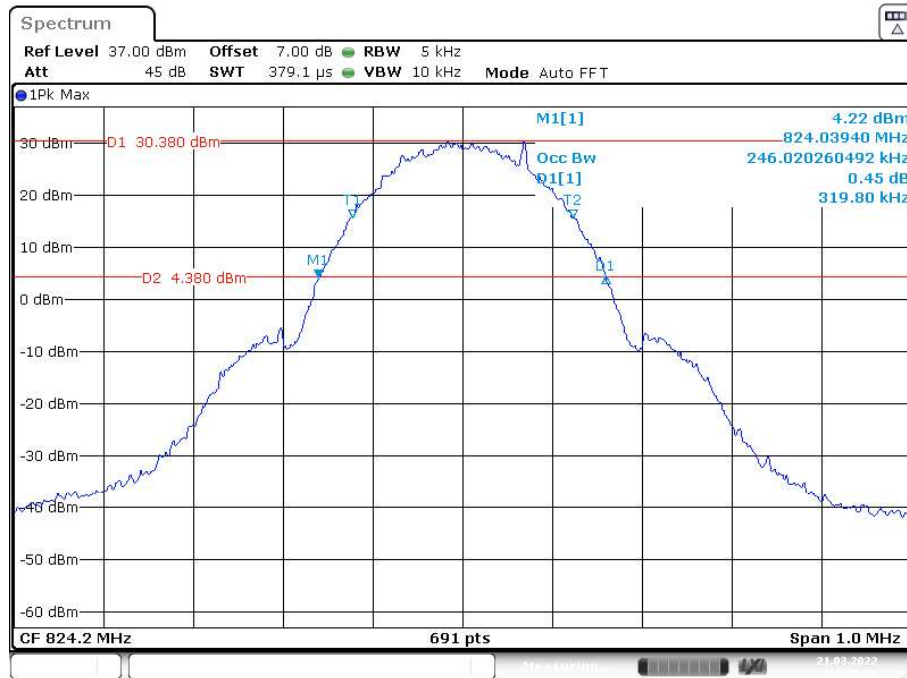
	Frequency (MHz)	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
RMC	1852.4	4.12	4.70
	1880.0	4.12	4.70
	1907.6	4.12	4.66
HSDPA	1852.4	4.12	4.70
	1880.0	4.12	4.69
	1907.6	4.11	4.69
HSUPA	1852.4	4.12	4.69
	1880.0	4.12	4.70
	1907.6	4.12	4.66

AWS Band (Part 27)

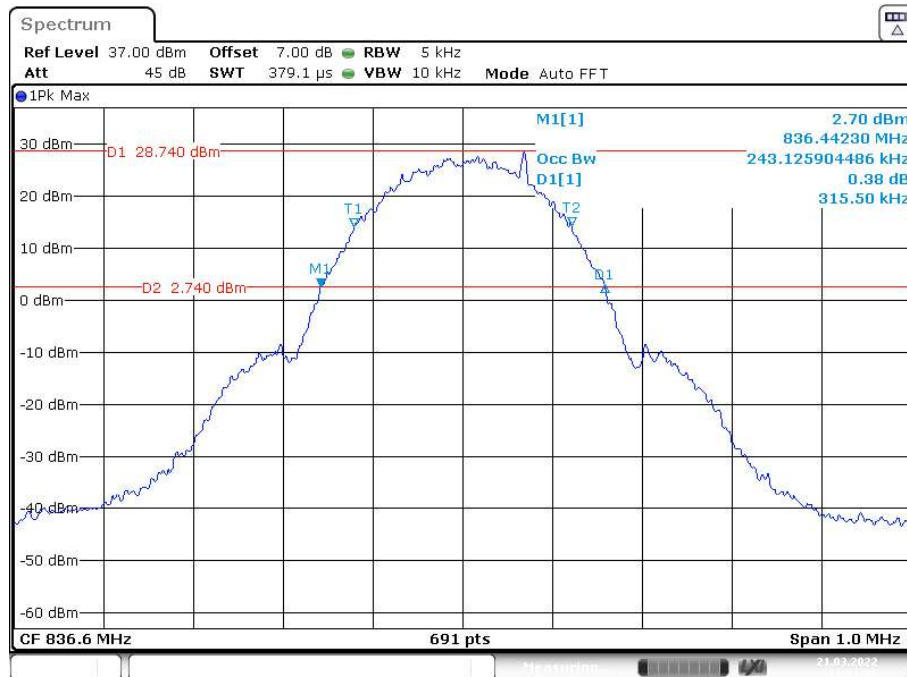
	Frequency (MHz)	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
RMC	1712.4	4.11	4.70
	1732.6	4.12	4.70
	1752.6	4.12	4.70
HSDPA	1712.4	4.12	4.69
	1732.6	4.12	4.69
	1752.6	4.11	4.69
HSUPA	1712.4	4.12	4.69
	1732.6	4.12	4.69
	1752.6	4.12	4.67

Cellular Band (Part 22H)

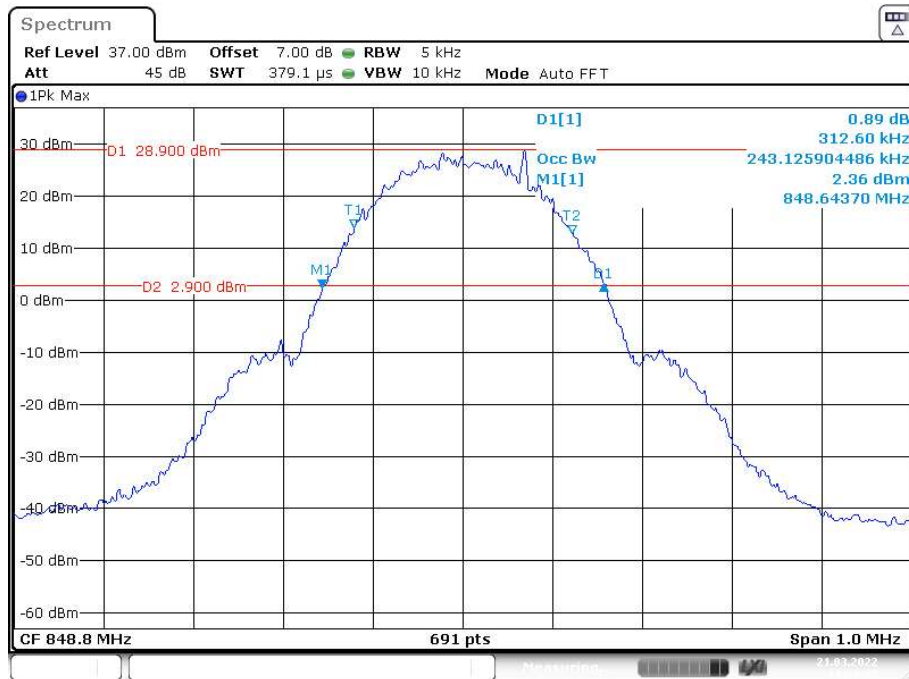
26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, Low channel



26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, Middle channel

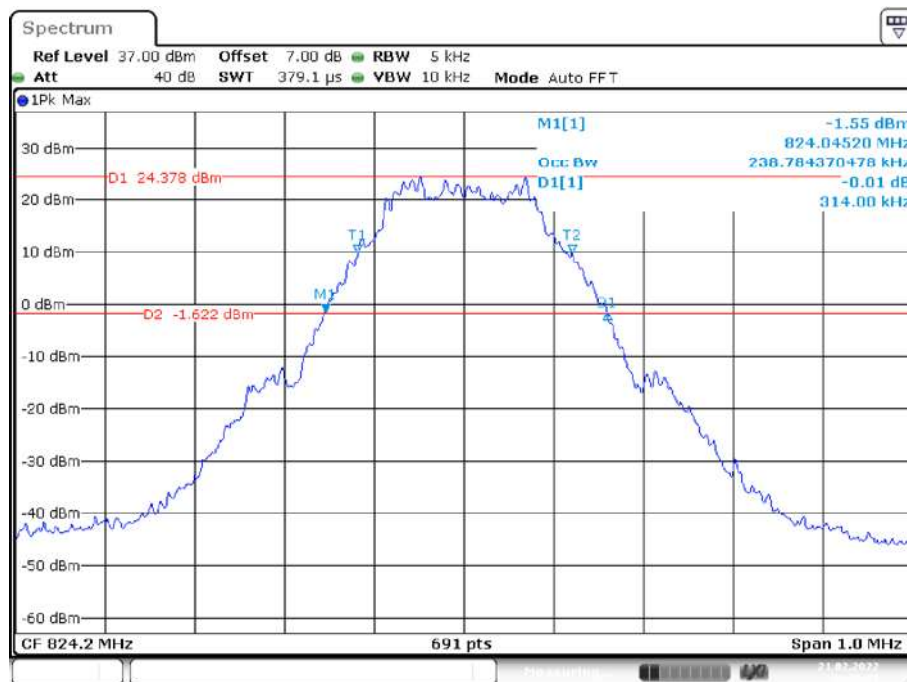


26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, High channel



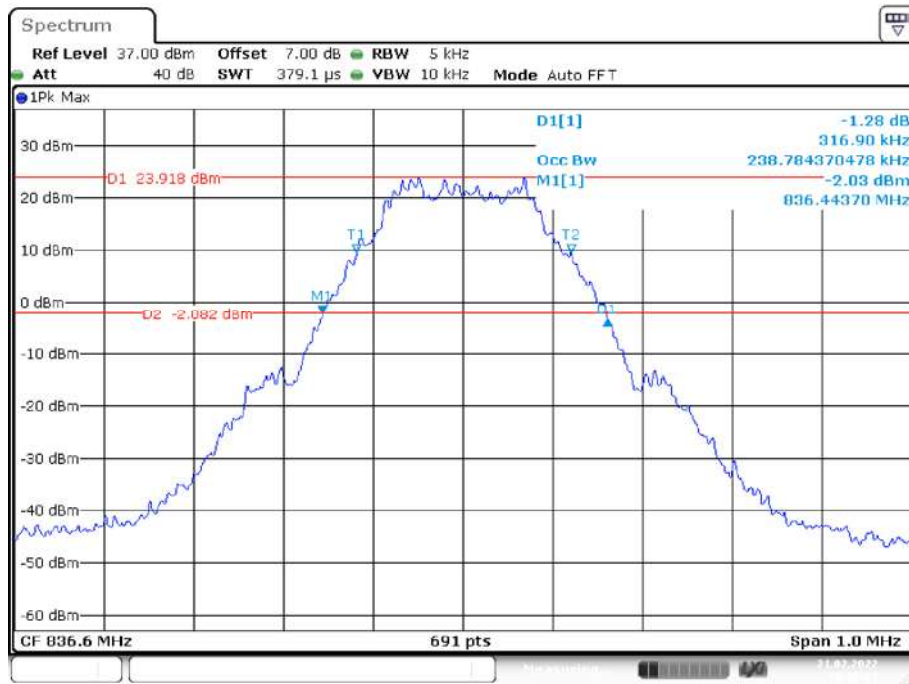
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26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK) Mode, Low channel



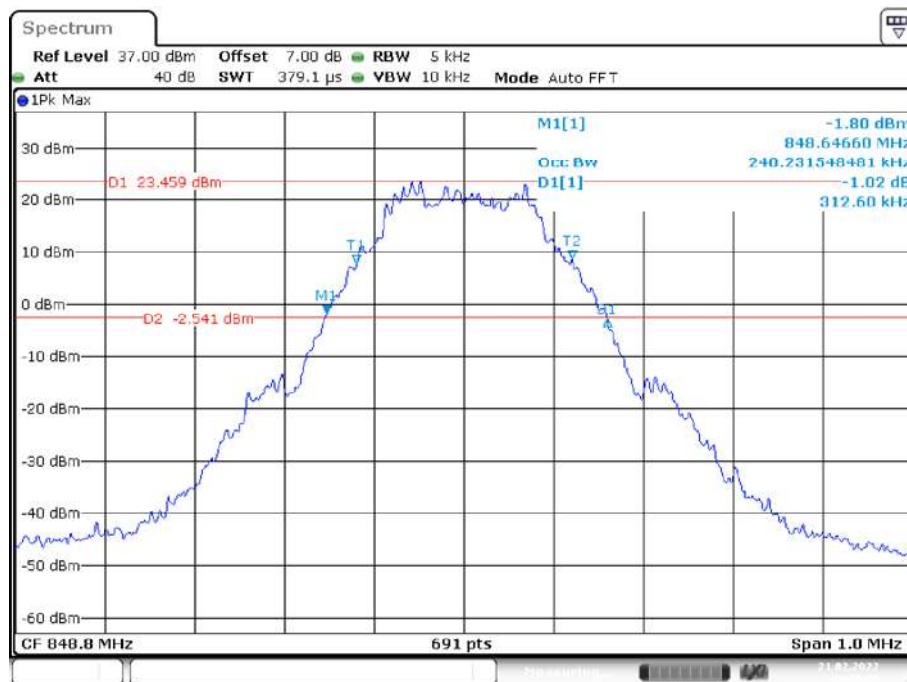
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26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK)) Mode, Middle channel



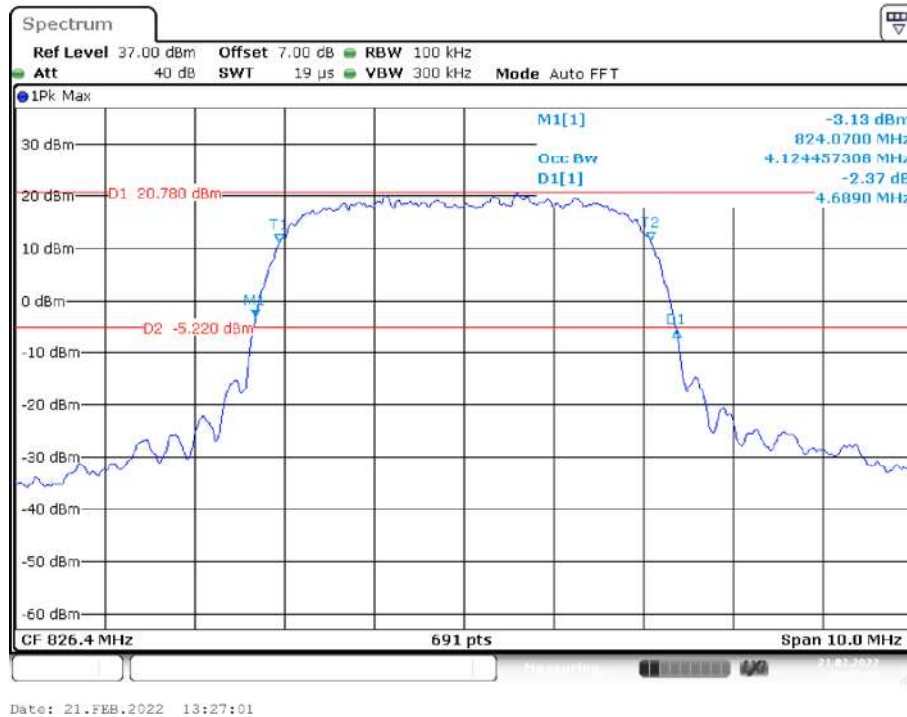
Date: 21.FEB.2022 10:16:10

26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK) Mode, High channel

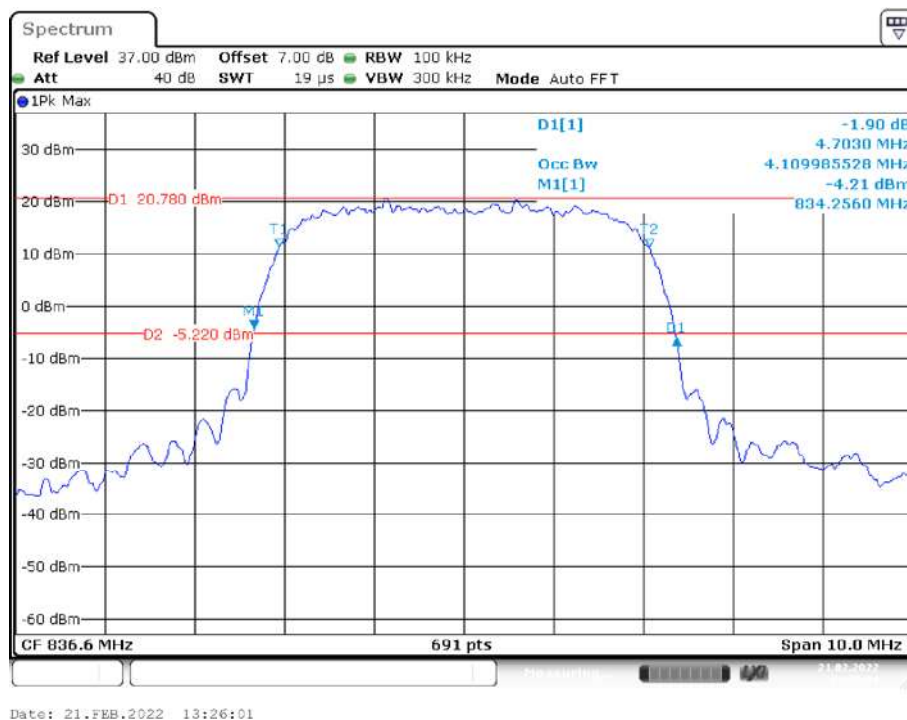


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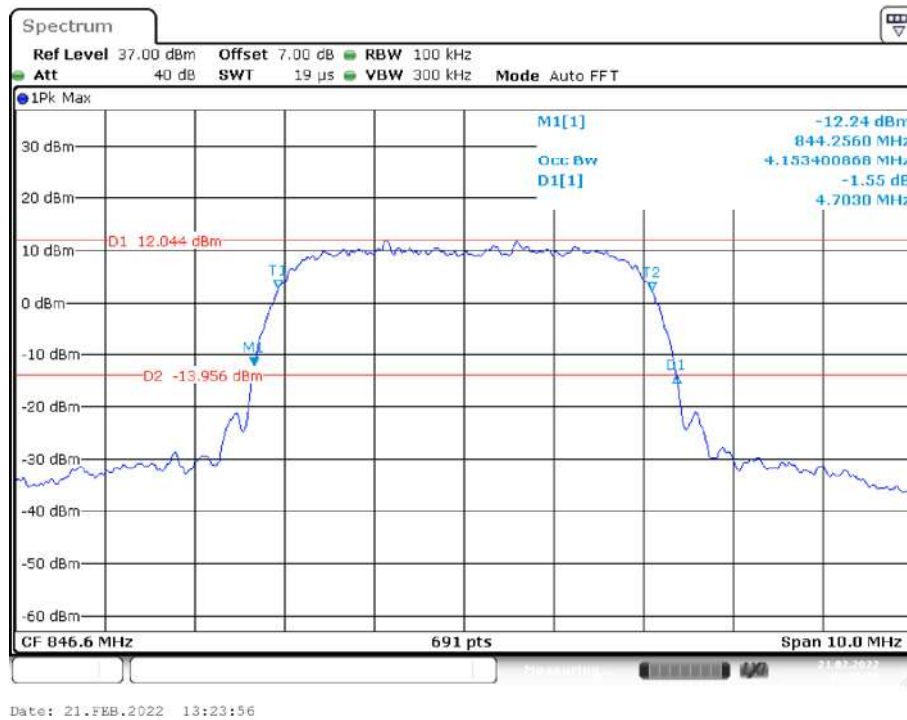
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Low channel



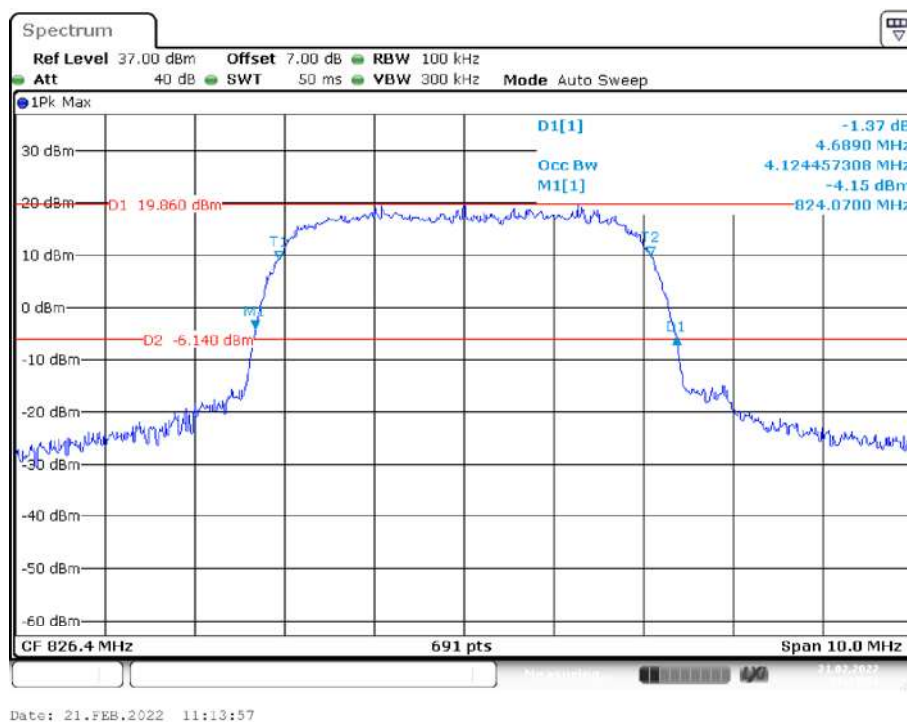
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Middle channel



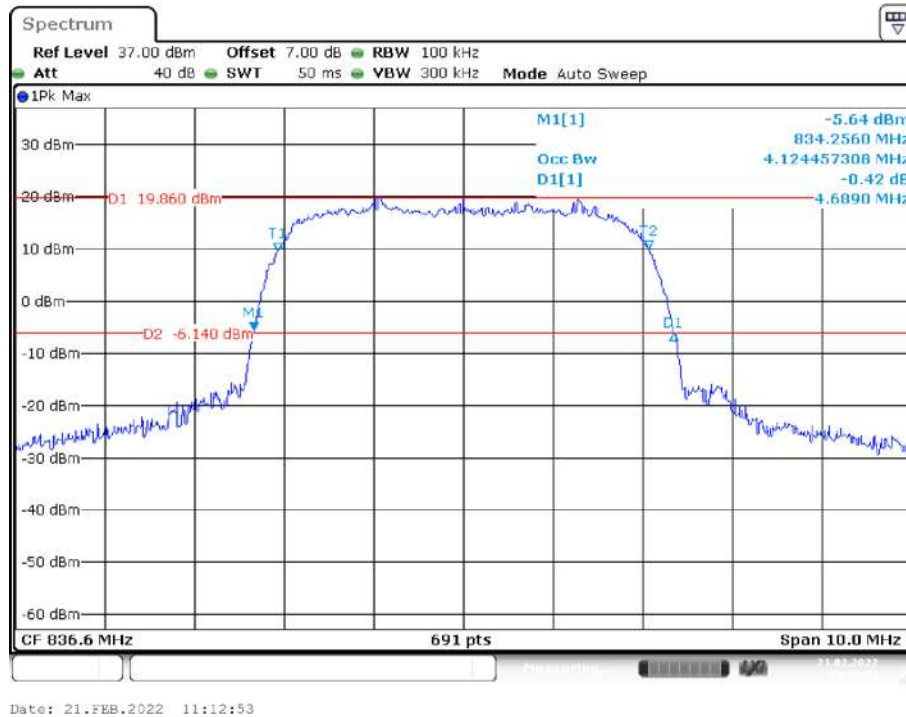
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, High channel



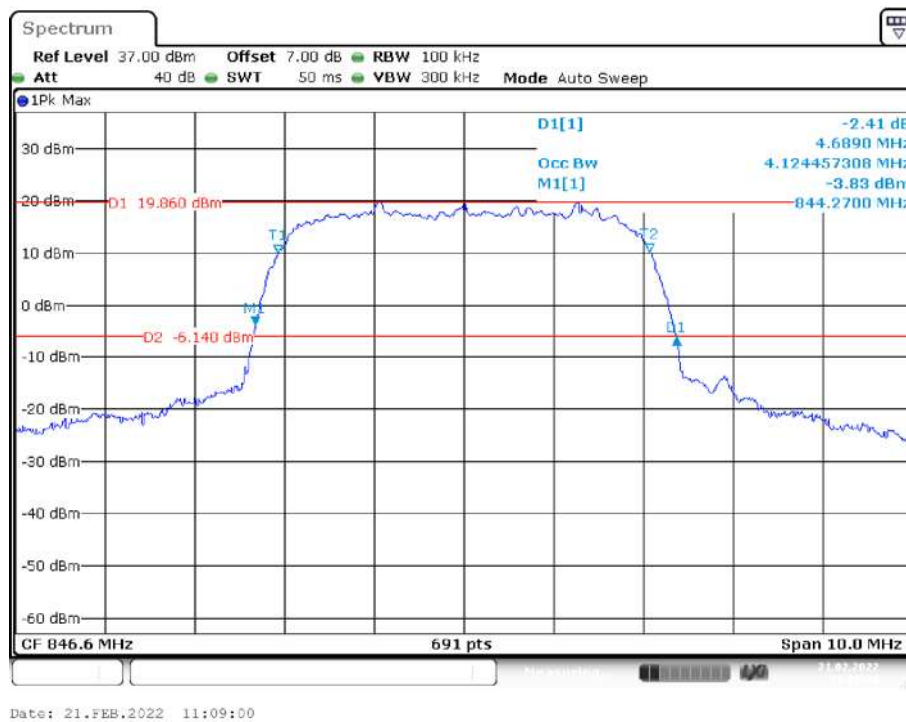
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Low channel



26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Middle channel



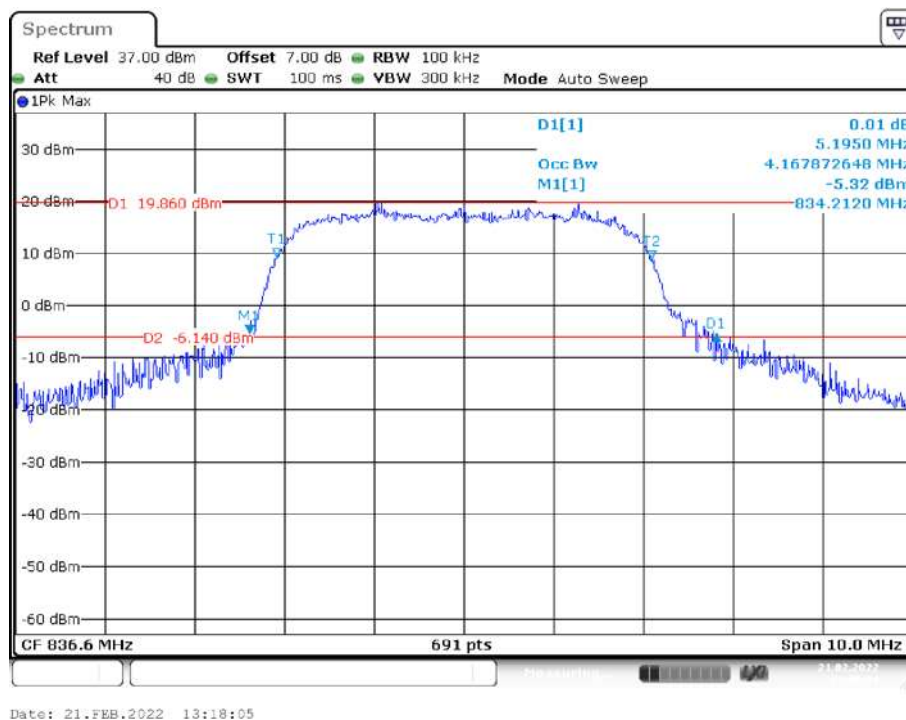
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, High channel



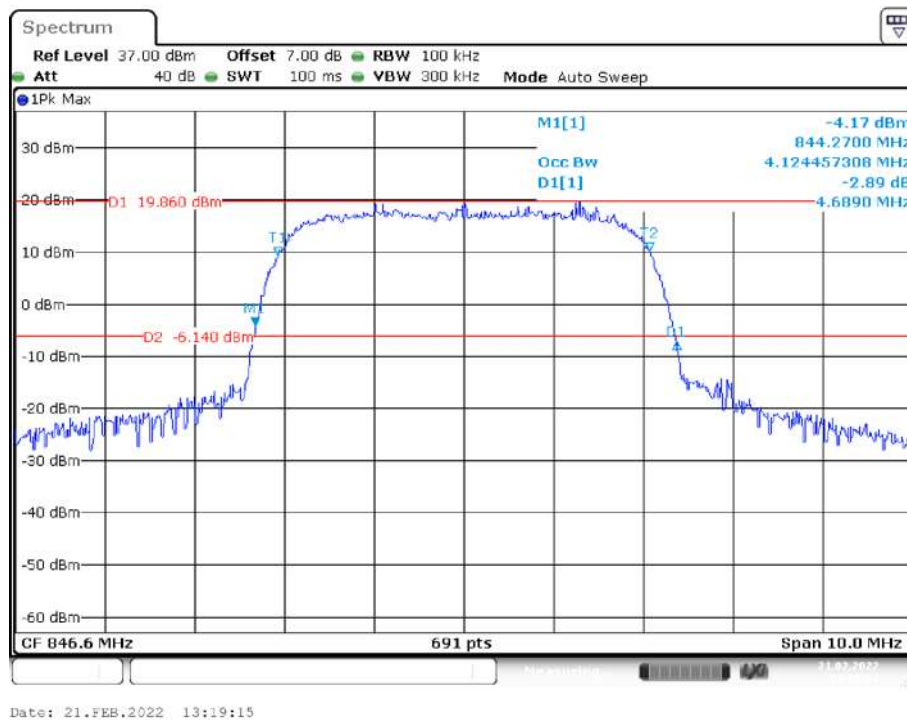
26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Low channel



26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Middle channel

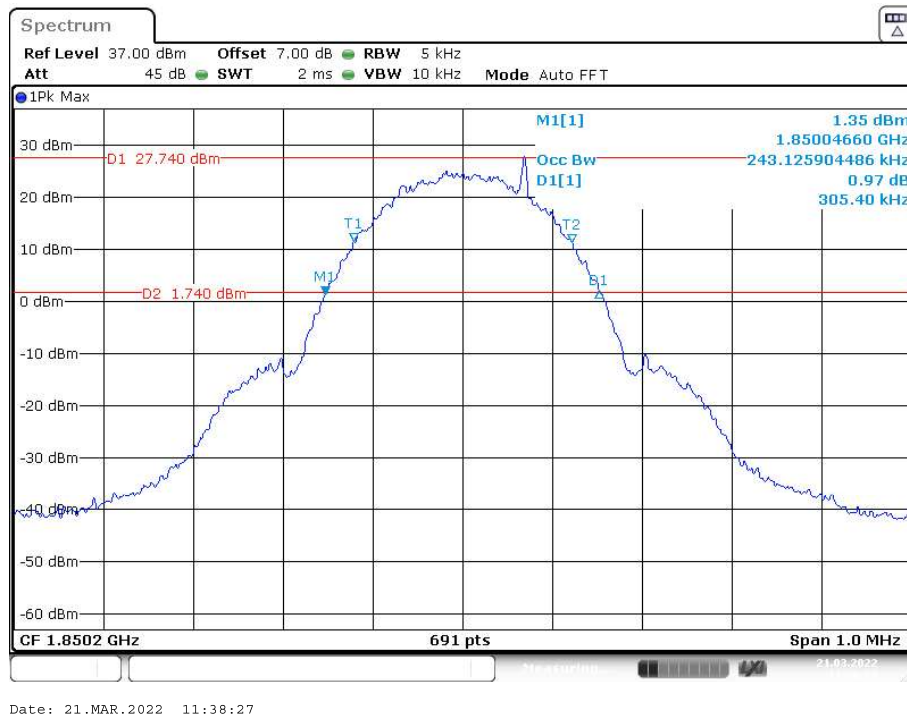


26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, High channel

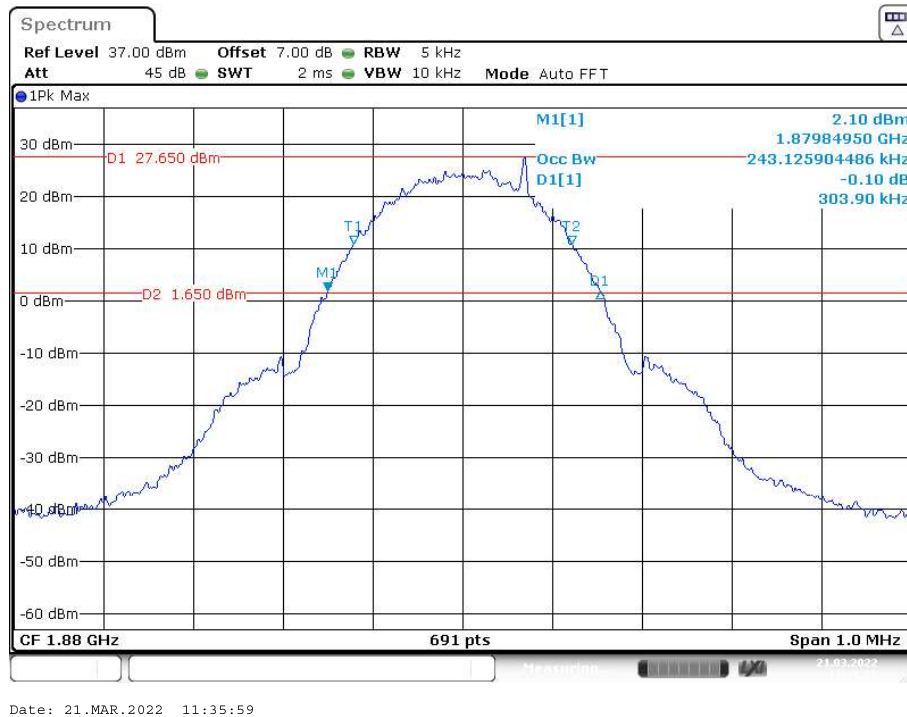


PCS Band (Part 24E)

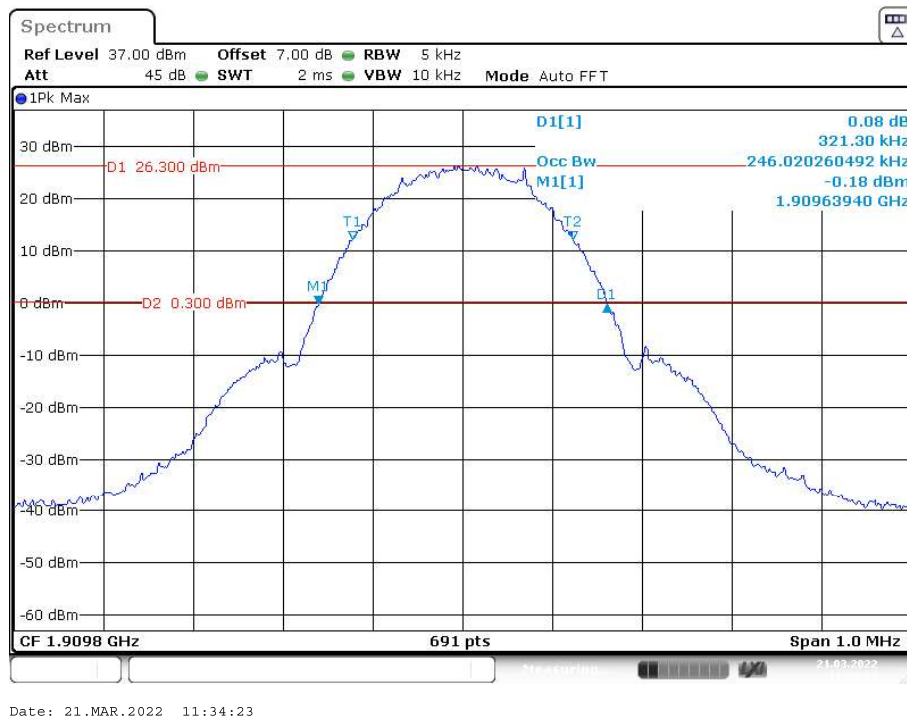
26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, Low channel



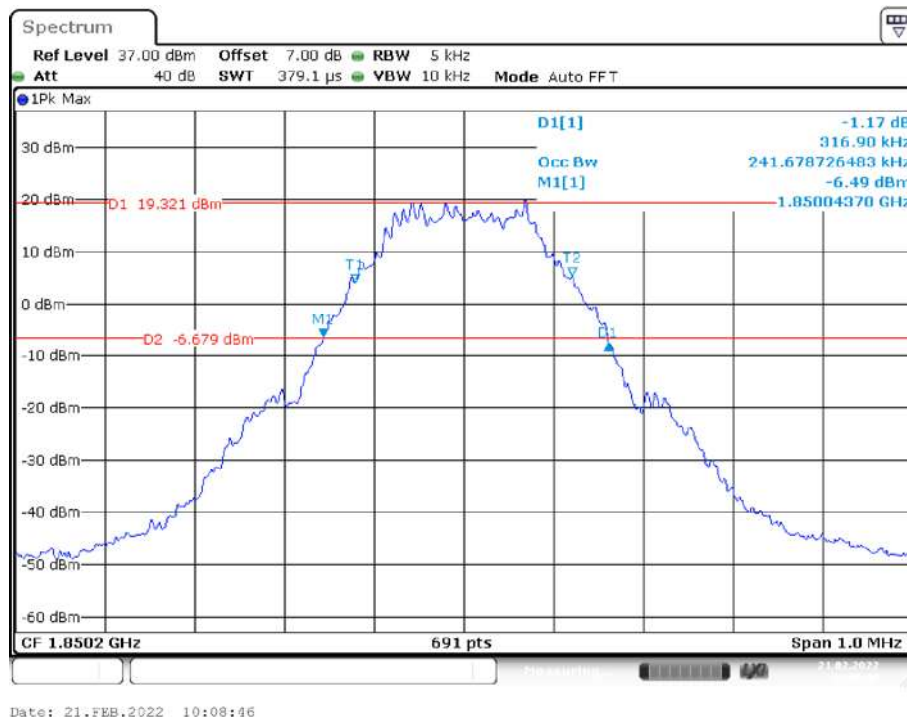
26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, Middle channel



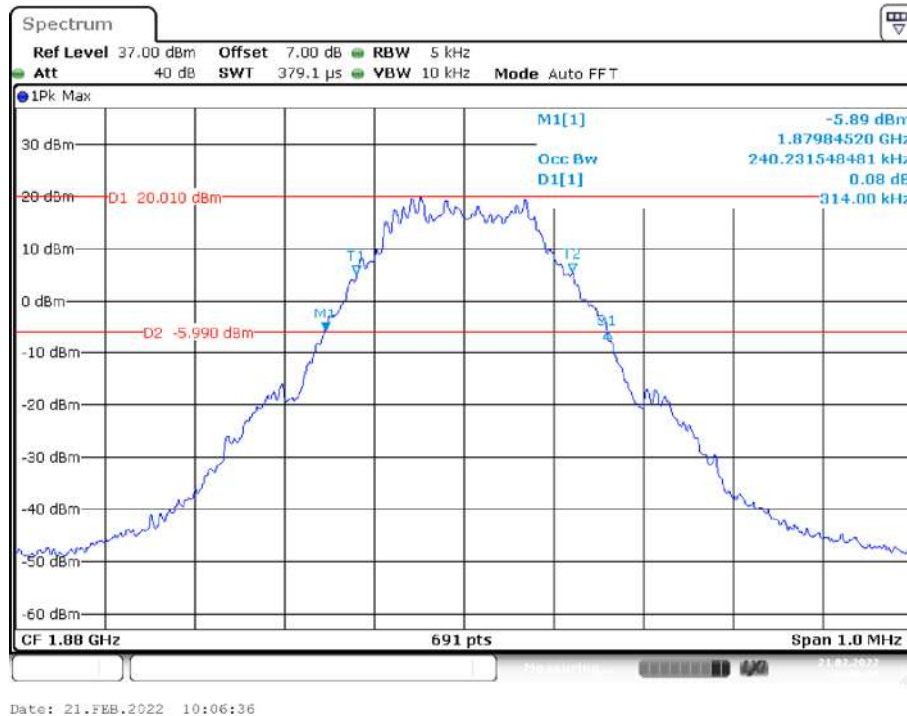
26 dB Emissions & 99% Occupied Bandwidth for GPRS (GMSK) Mode, High channel



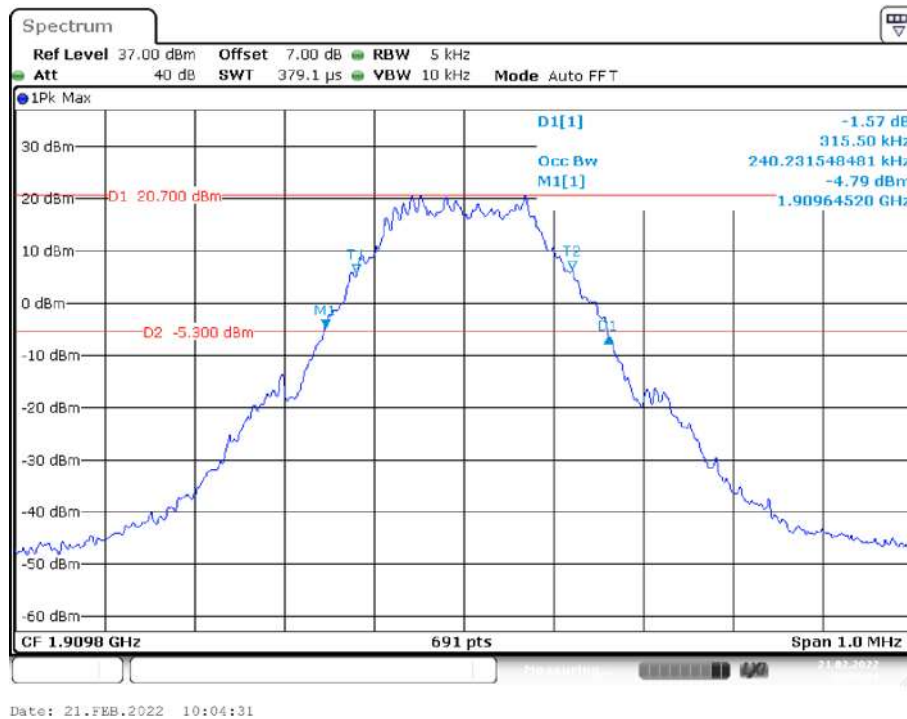
26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK) Mode, Low channel



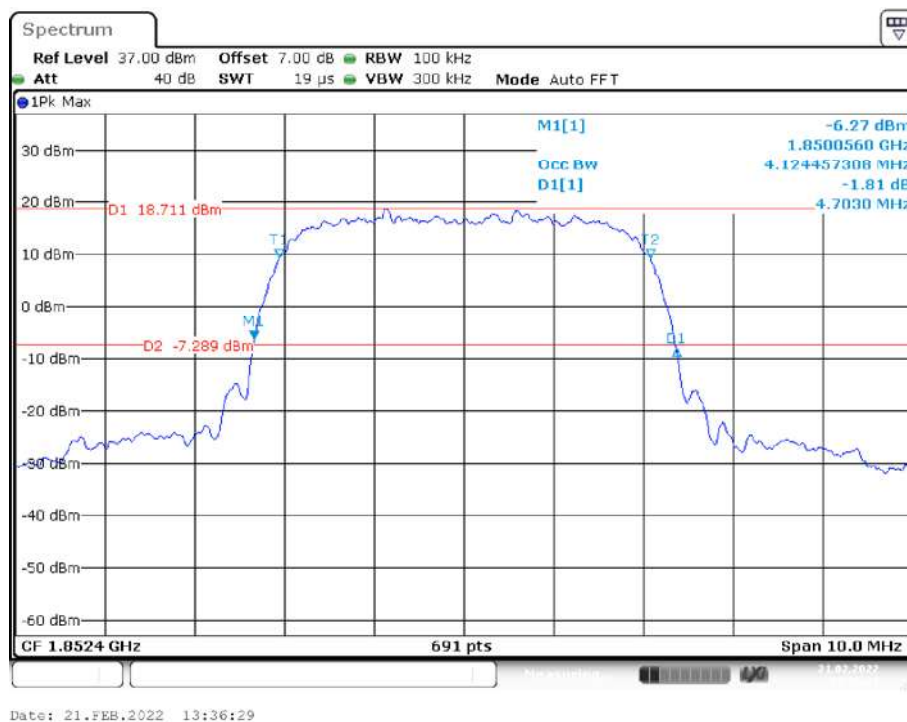
26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK) Mode, Middle channel



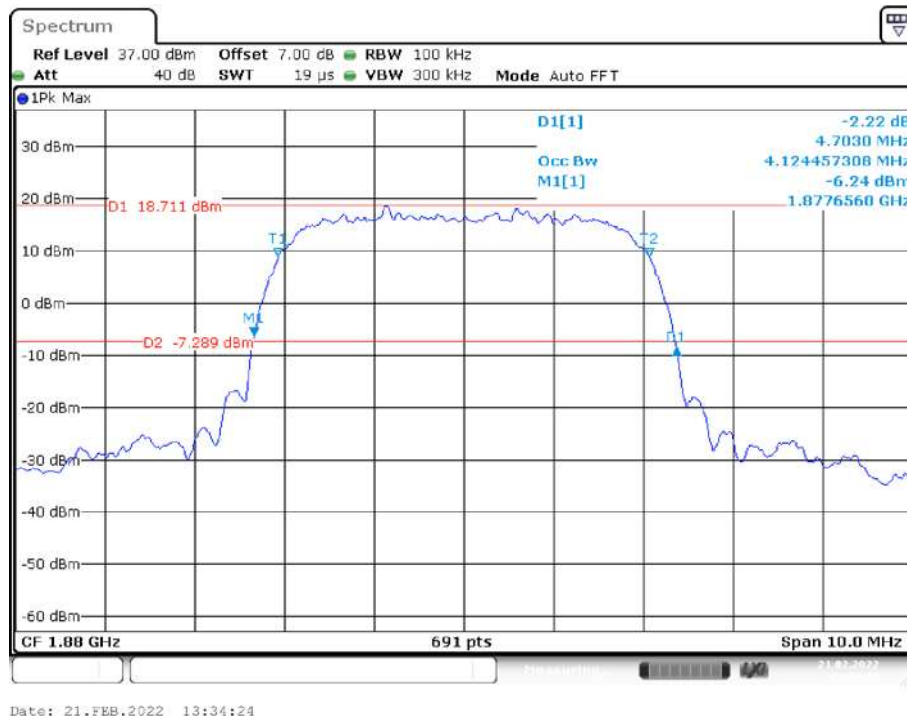
26 dB Emissions & 99% Occupied Bandwidth for EGPRS(8PSK) Mode, High channel



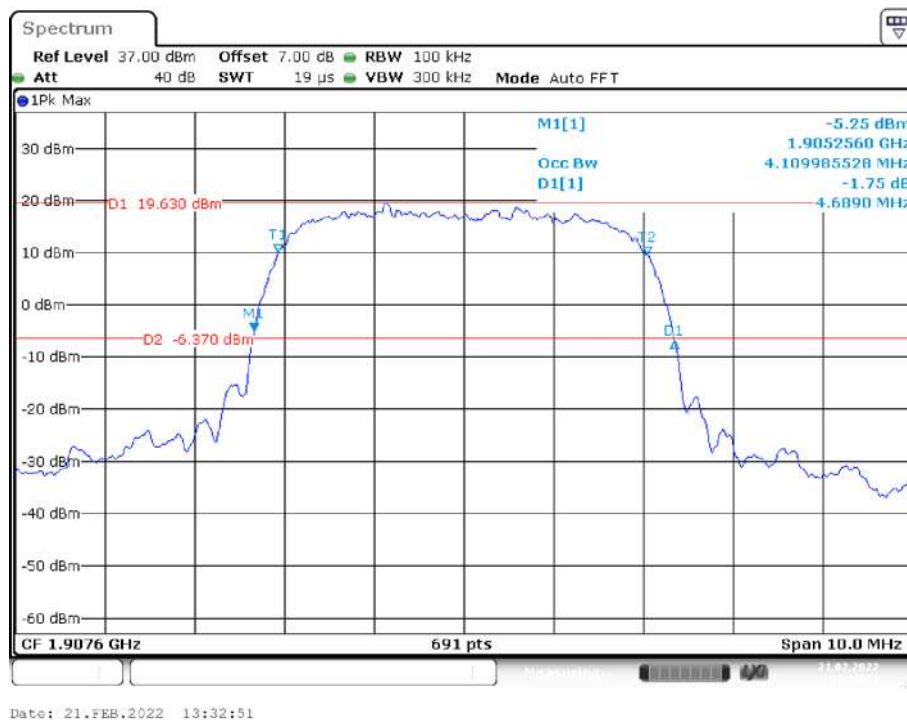
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Low channel



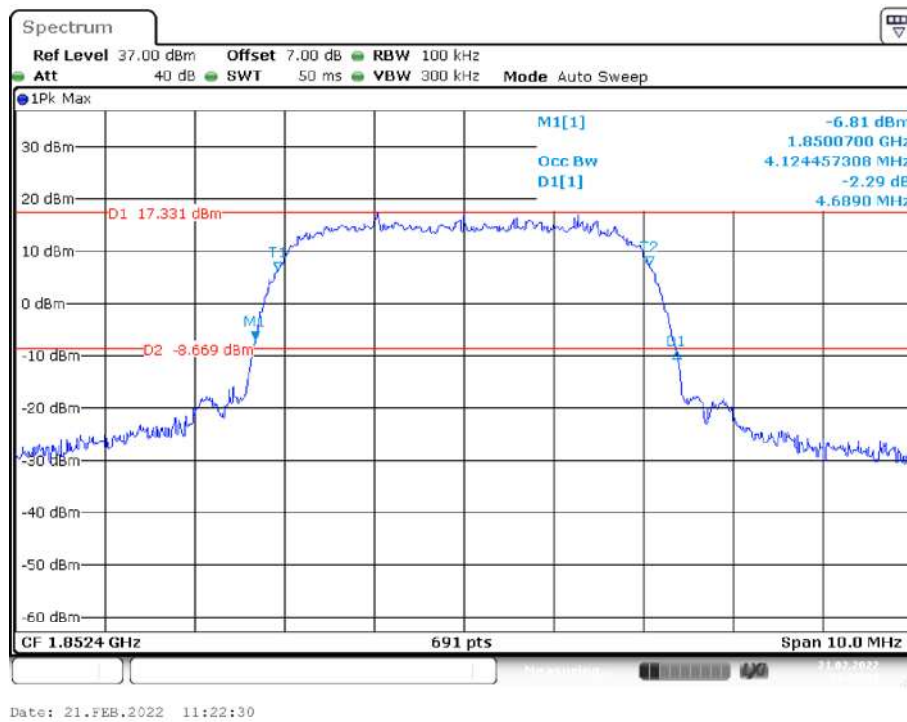
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Middle channel



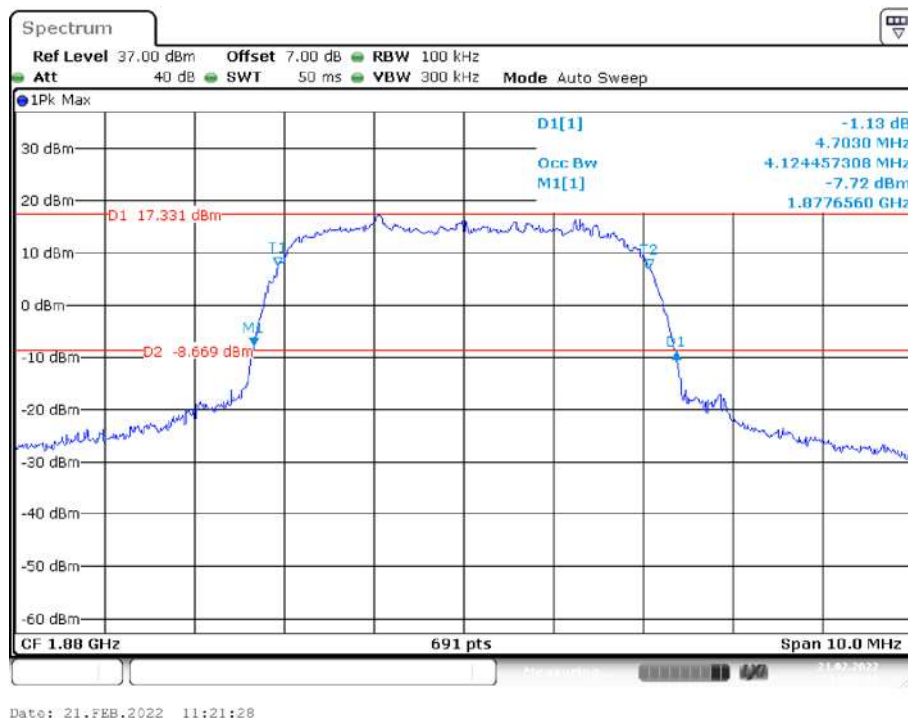
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, High channel



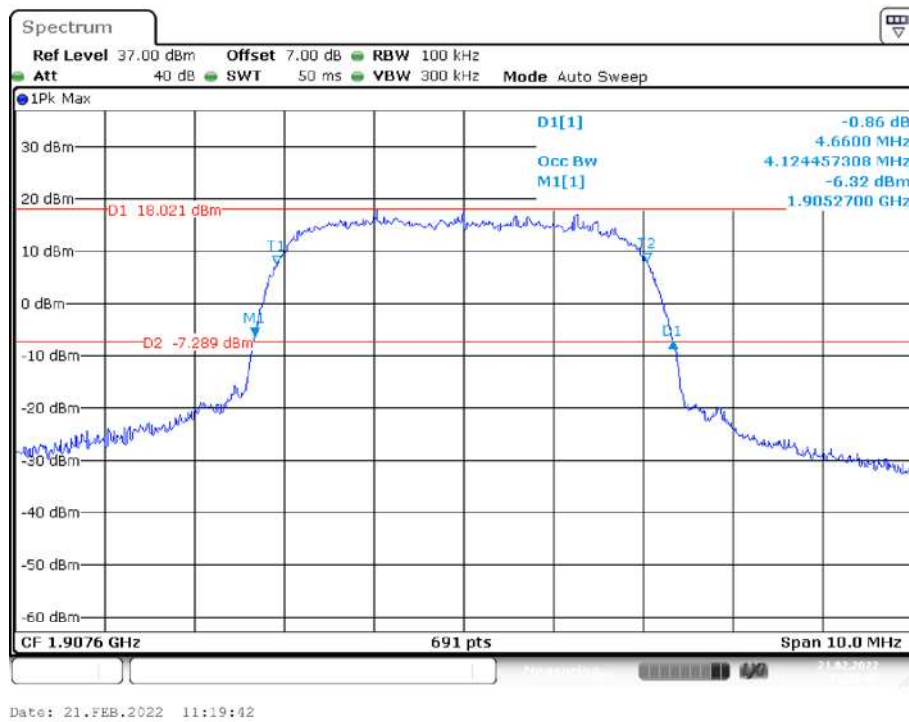
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Low channel



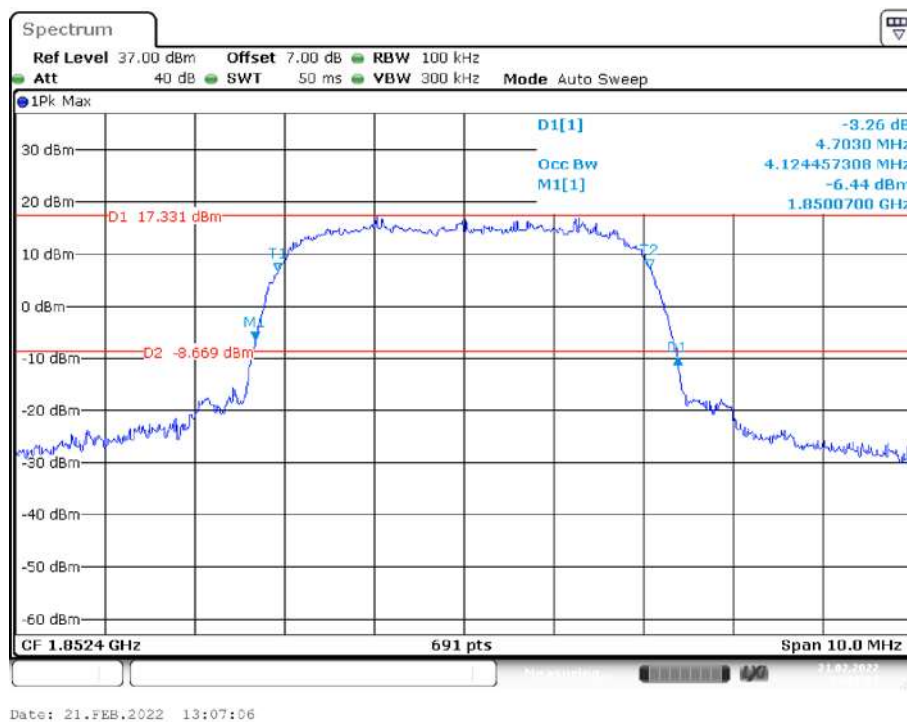
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Middle channel



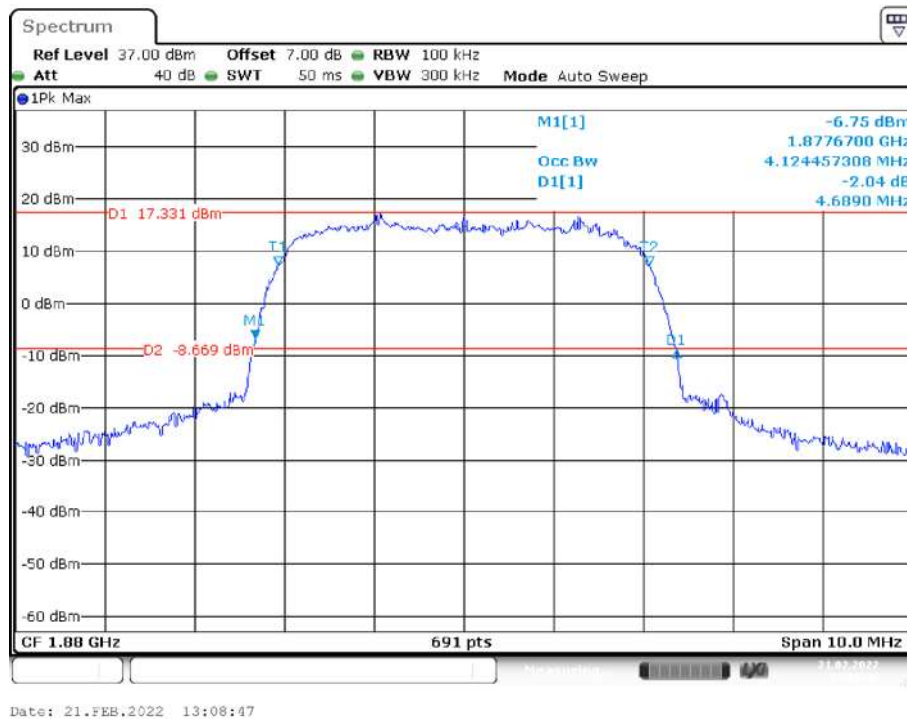
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, High channel



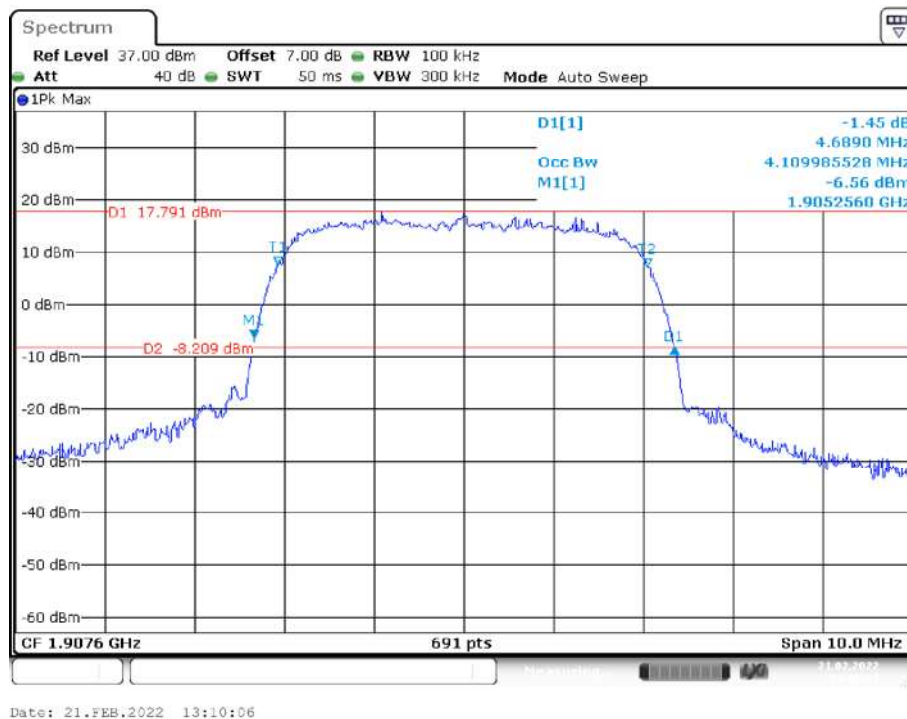
26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Low channel



26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Middle channel

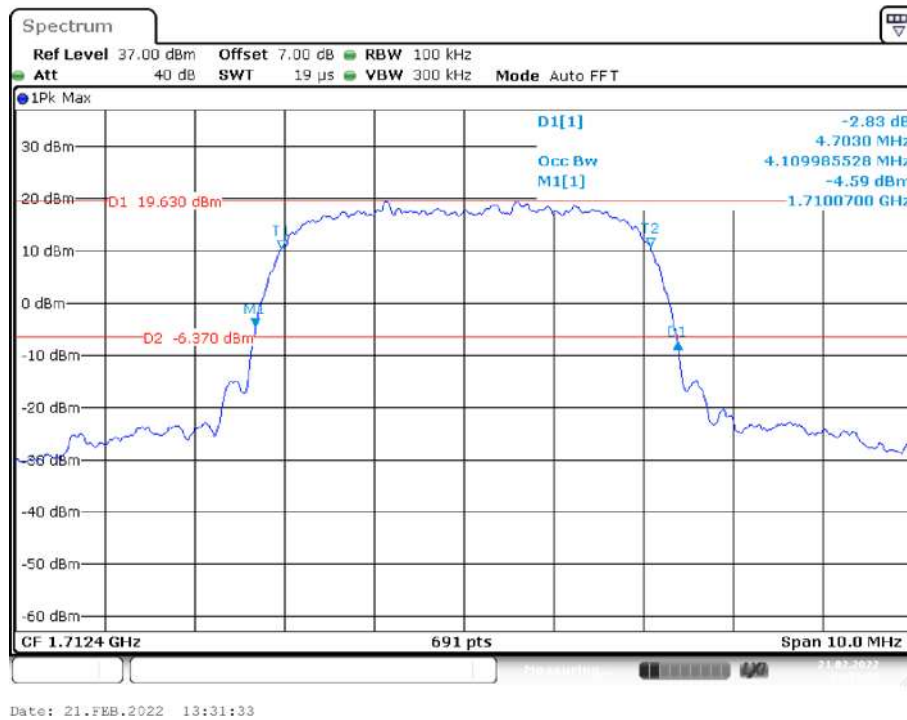


26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, High channel

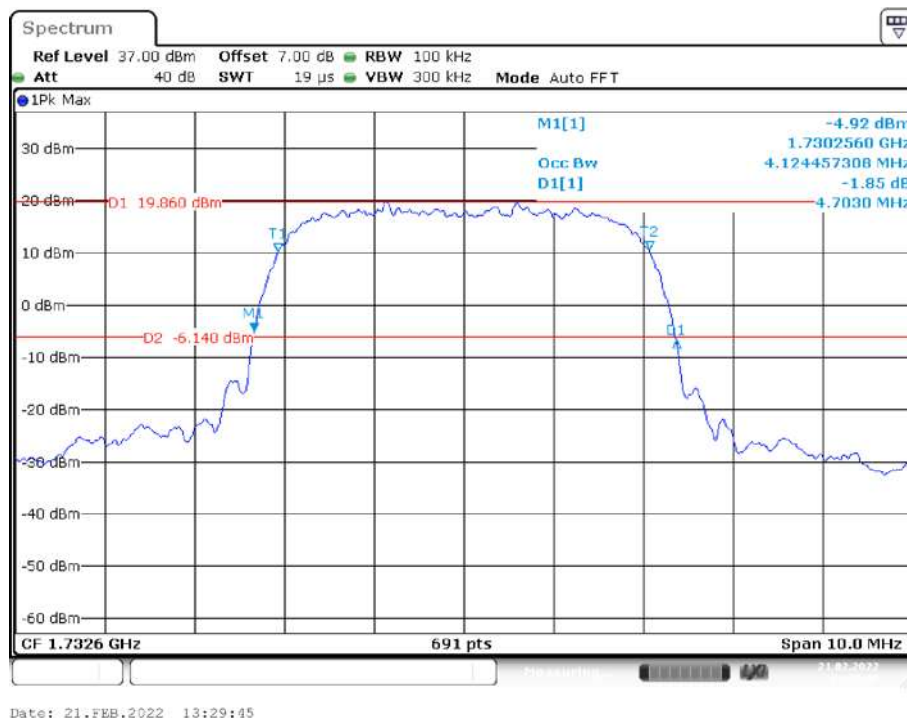


AWS Band (Part 27)

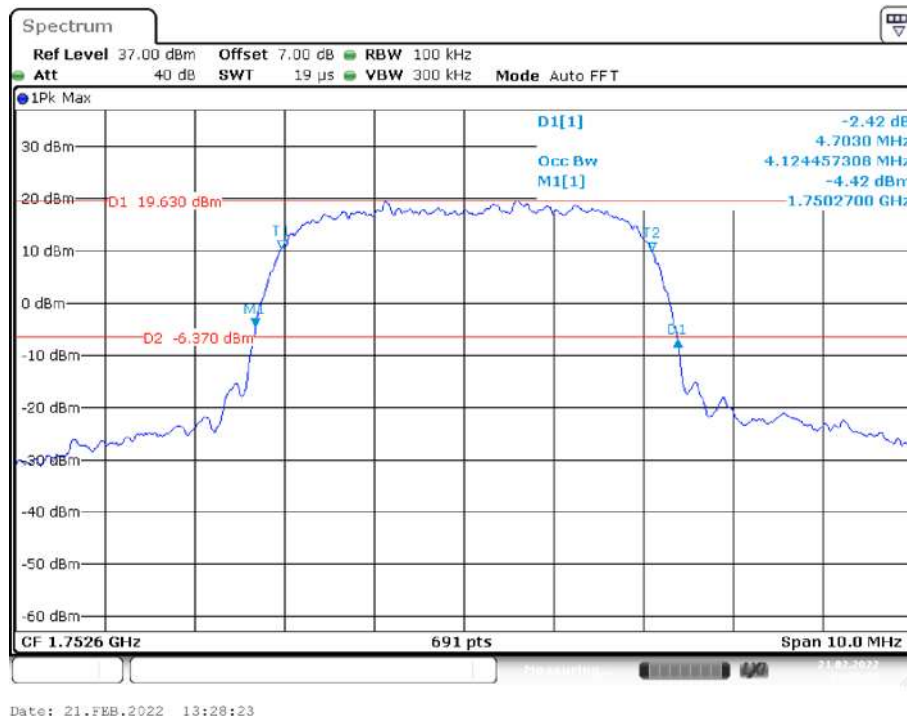
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Low channel



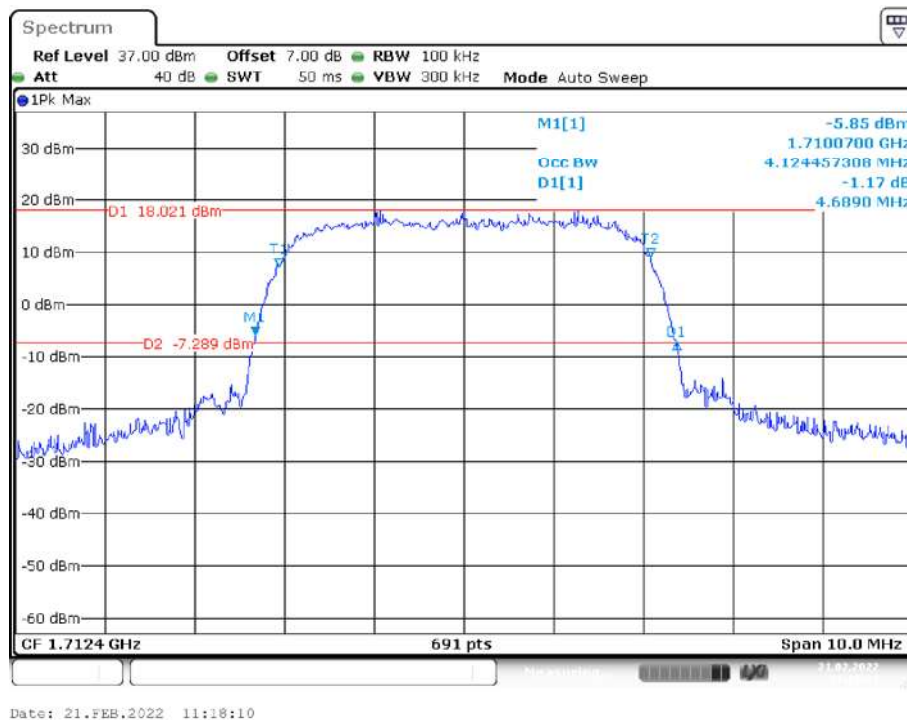
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, Middle channel



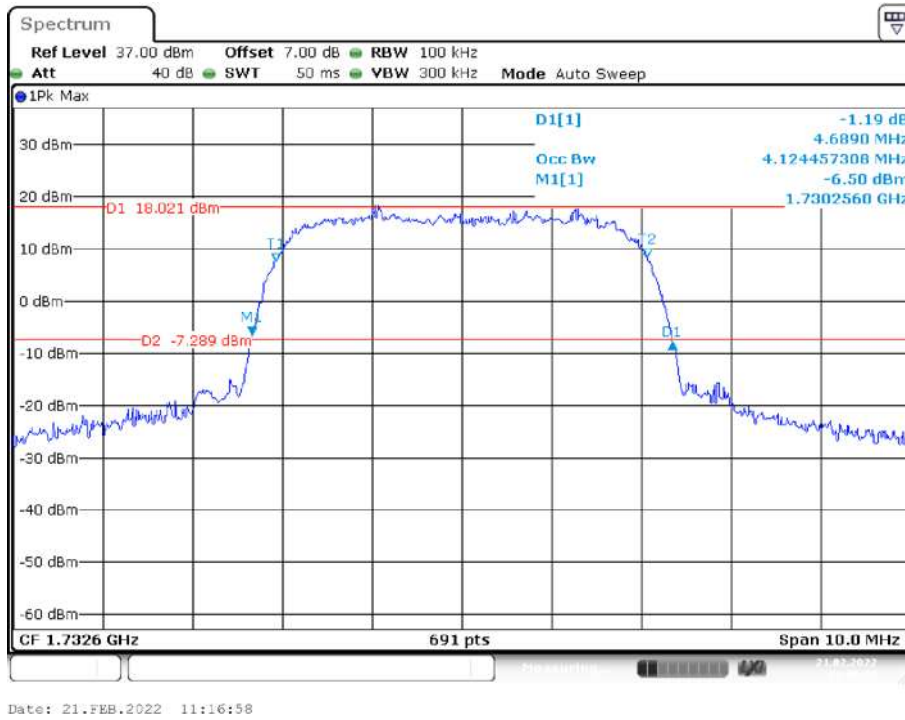
26 dB Emissions & 99% Occupied Bandwidth for RMC (BPSK) Mode, High channel



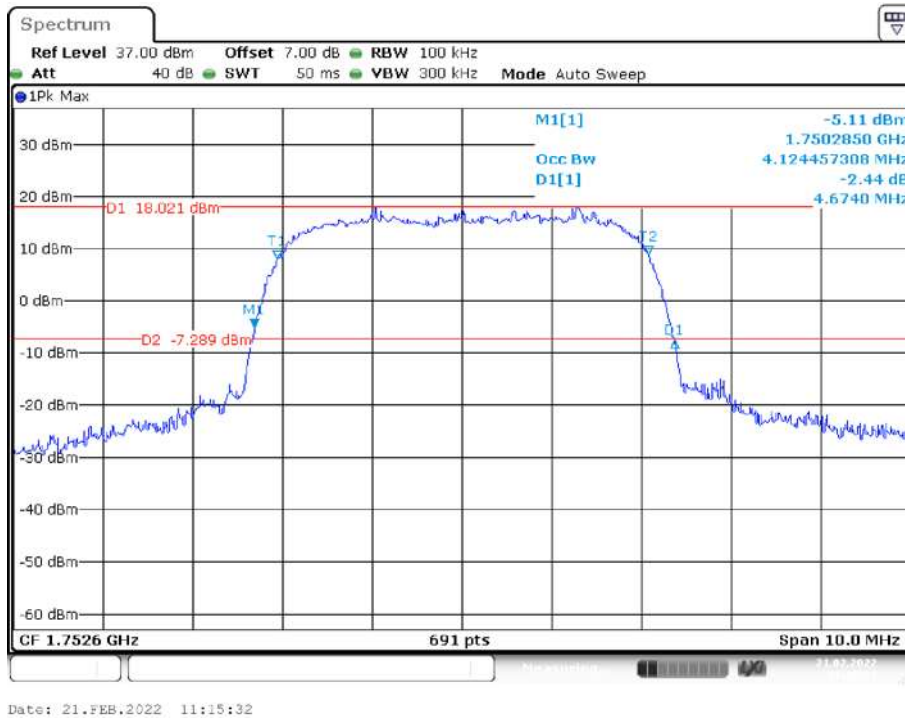
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Low channel



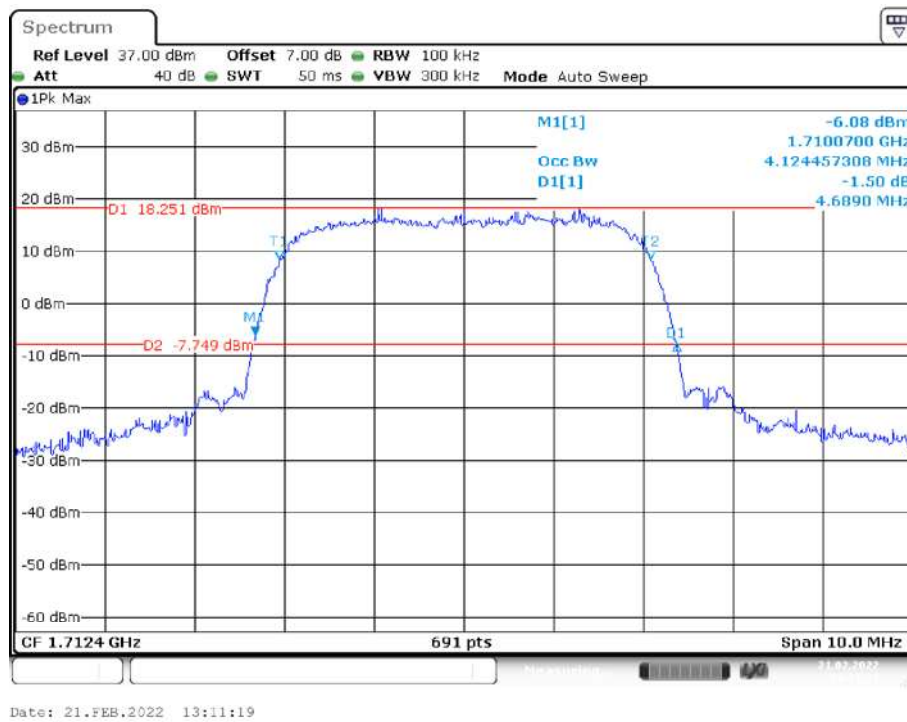
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, Middle channel



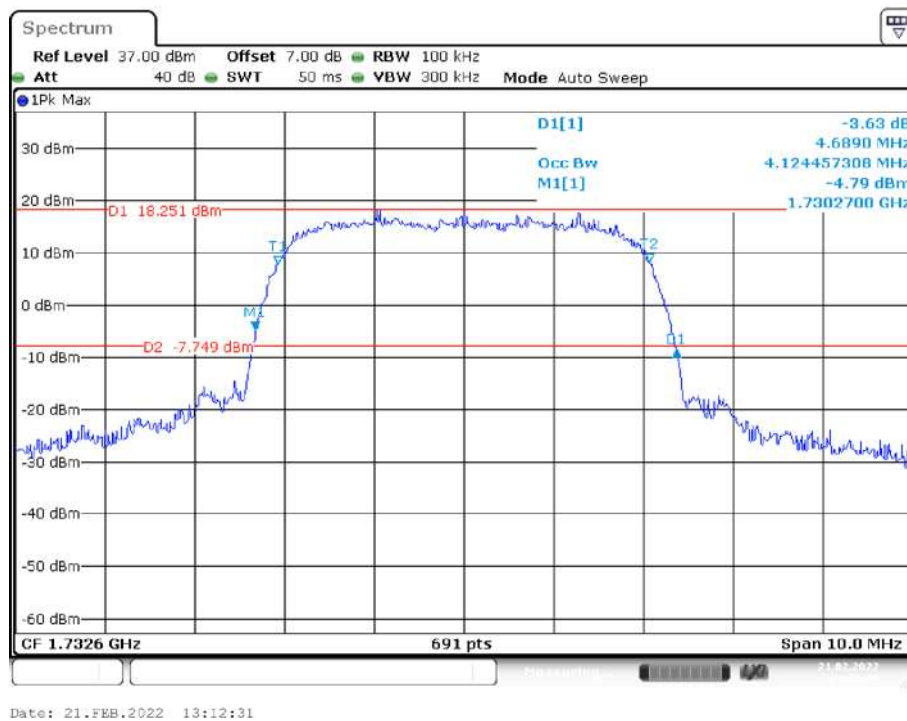
26 dB Emissions & 99% Occupied Bandwidth for HSUPA (BPSK) Mode, High channel



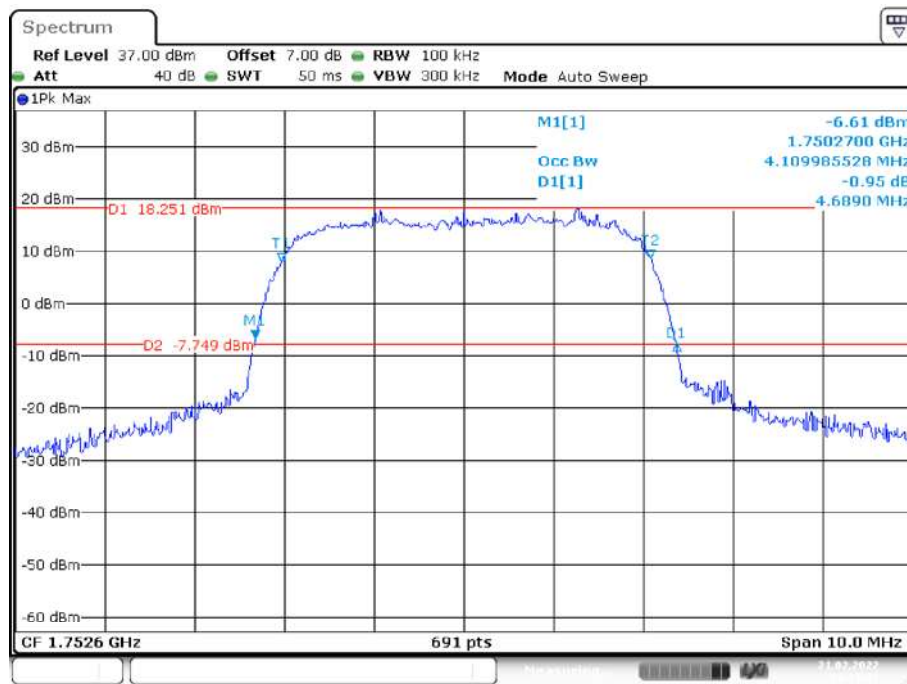
26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Low channel



26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, Middle channel



26 dB Emissions & 99% Occupied Bandwidth for HSDPA (16QAM) Mode, High channel



Date: 21.FEB.2022 13:13:43

LTE Band 2:

Bandwidth	Modulation	Low channel		Middle channel		High channel	
		OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)
1.4 MHz	QPSK	1.102	1.314	1.108	1.284	1.102	1.296
	16QAM	1.102	1.296	1.096	1.308	1.102	1.314
3 MHz	QPSK	2.695	2.940	2.695	2.952	2.683	2.964
	16QAM	2.695	2.952	2.683	2.964	2.683	2.952
5 MHz	QPSK	4.531	5.040	4.511	5.040	4.511	5.020
	16QAM	4.511	4.980	4.511	5.040	4.511	5.040
10 MHz	QPSK	8.942	9.760	8.942	9.680	8.901	9.680
	16QAM	8.942	9.640	8.942	9.640	8.901	9.640
15 MHz	QPSK	13.473	14.760	13.353	14.580	13.353	14.520
	16QAM	13.473	14.640	13.473	14.640	13.353	14.580
20 MHz	QPSK	17.884	19.280	17.804	19.200	17.804	19.360
	16QAM	17.884	19.280	17.804	19.280	17.884	19.360

LTE Band 4:

Bandwidth	Modulation	Low channel		Middle channel		High channel	
		OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)
1.4 MHz	QPSK	1.096	1.296	1.102	1.314	1.108	1.290
	16QAM	1.102	1.320	1.096	1.296	1.096	1.308
3 MHz	QPSK	2.695	2.940	2.695	2.952	2.695	2.952
	16QAM	2.695	2.952	2.683	2.964	2.683	2.952
5 MHz	QPSK	4.531	5.060	4.511	5.020	4.491	5.000
	16QAM	4.511	5.020	4.531	5.040	4.531	5.040
10 MHz	QPSK	8.942	9.800	8.942	9.720	8.942	9.800
	16QAM	8.901	9.640	8.942	9.680	8.942	9.720
15 MHz	QPSK	13.473	14.760	13.413	14.580	13.473	14.580
	16QAM	13.473	14.700	13.473	14.640	13.413	14.640
20 MHz	QPSK	17.884	19.200	17.884	19.360	17.964	19.360
	16QAM	17.964	19.200	17.884	19.200	17.884	19.200

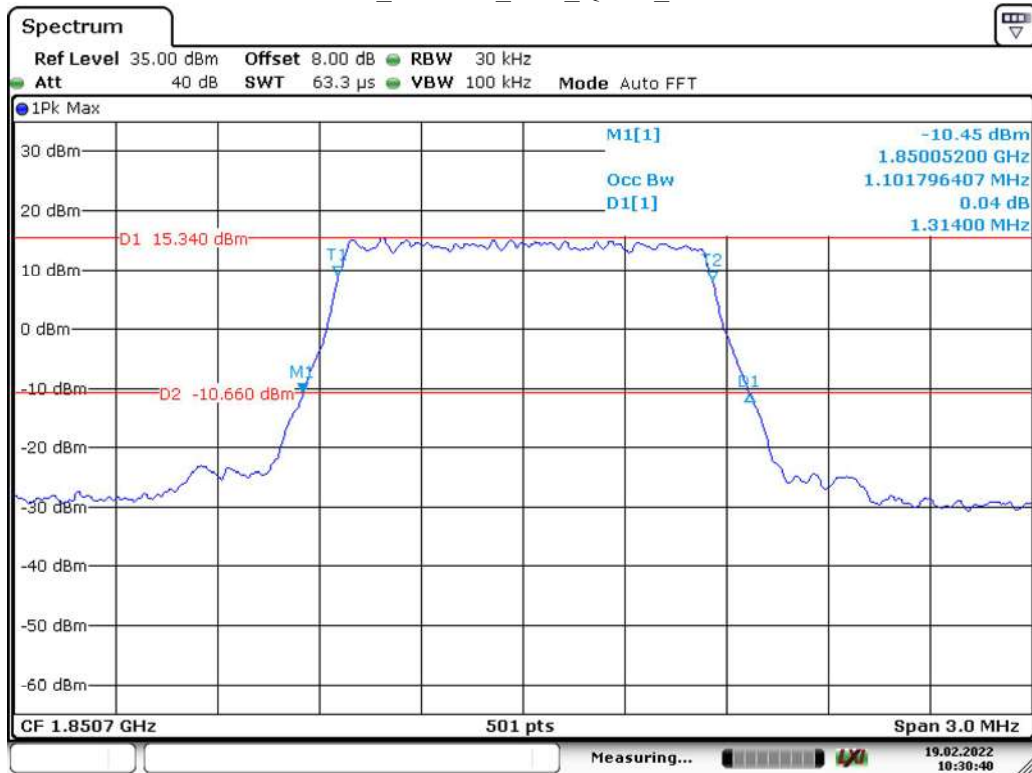
LTE Band 5:

Bandwidth	Modulation	Low channel		Middle channel		High channel	
		OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)
1.4 MHz	QPSK	1.102	1.296	1.102	1.308	1.102	1.284
	16QAM	1.102	1.314	1.096	1.296	1.102	1.308
3 MHz	QPSK	2.695	2.940	2.695	2.952	2.683	2.952
	16QAM	2.695	2.952	2.683	2.952	2.683	2.940
5 MHz	QPSK	4.531	5.060	4.511	5.020	4.511	5.020
	16QAM	4.511	5.020	4.531	5.040	4.511	5.060
10 MHz	QPSK	8.942	9.800	8.942	9.640	8.942	9.800
	16QAM	8.942	9.640	8.942	9.680	8.981	9.720

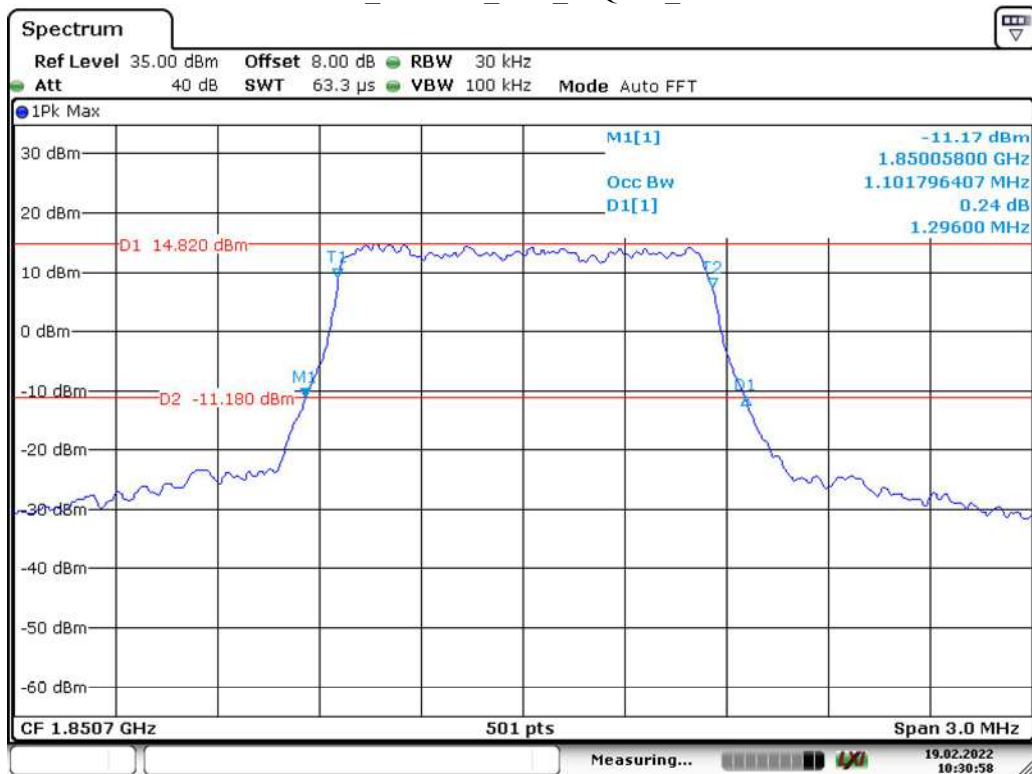
LTE Band 7:

Bandwidth	Modulation	Low channel		Middle channel		High channel	
		OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)	OBW (MHz)	26dB EBW (MHz)
5 MHz	QPSK	4.531	5.040	4.511	5.000	4.511	5.000
	16QAM	4.511	5.020	4.531	5.060	4.531	5.040
10 MHz	QPSK	8.942	9.720	8.942	9.720	8.901	9.760
	16QAM	8.901	9.600	8.942	9.680	8.942	9.720
15 MHz	QPSK	13.473	14.520	13.473	14.640	13.413	14.580
	16QAM	13.353	14.640	13.473	14.700	13.413	14.640
20 MHz	QPSK	17.804	19.120	17.884	19.360	17.884	19.440
	16QAM	17.964	19.280	17.884	19.360	17.804	19.120

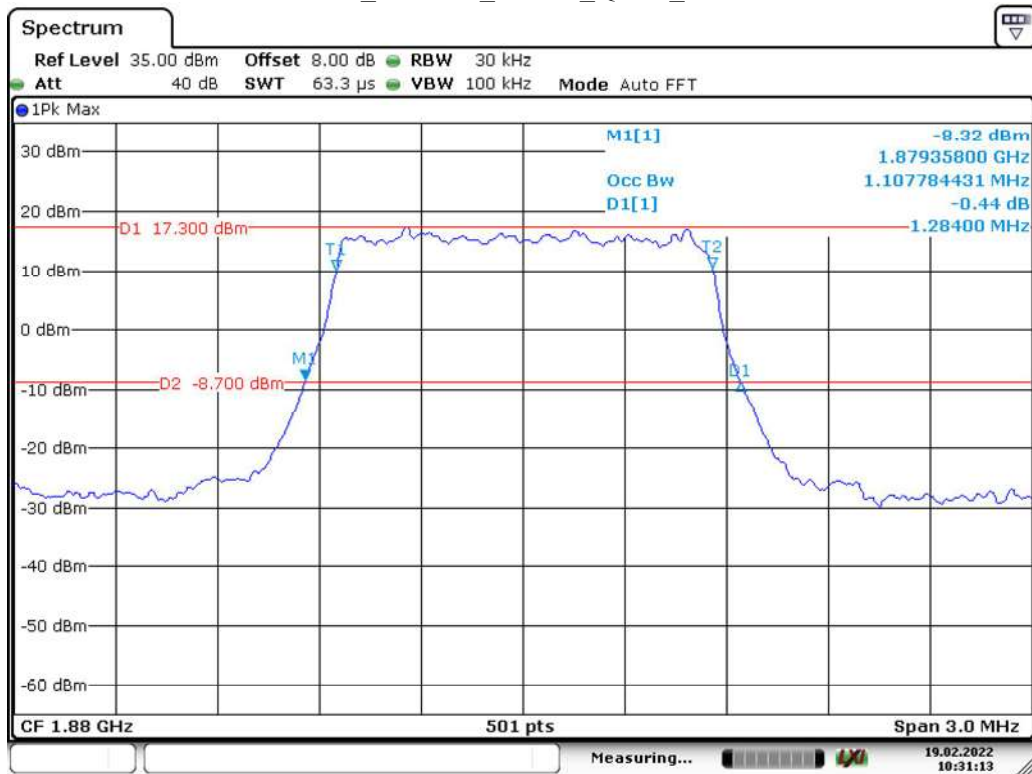
Band 2_1.4 MHz_Low_QPSK_RB6#0



Band 2_1.4 MHz_Low_16QAM_RB6#0

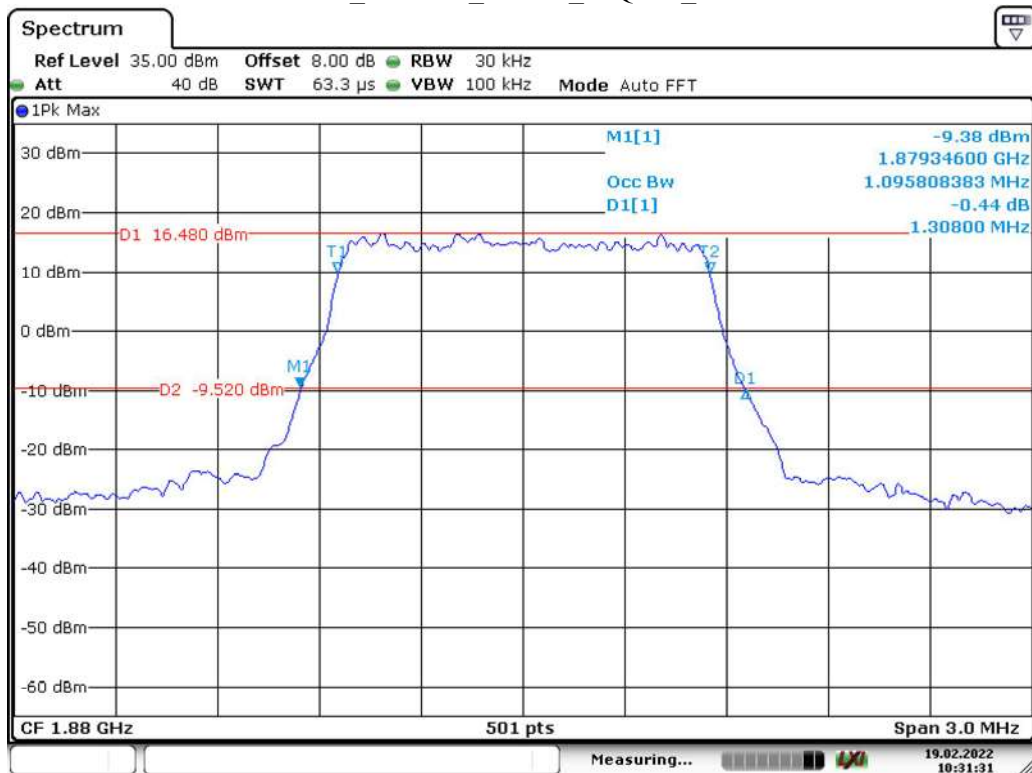


Band 2_1.4 MHz_Middle_QPSK_RB6#0



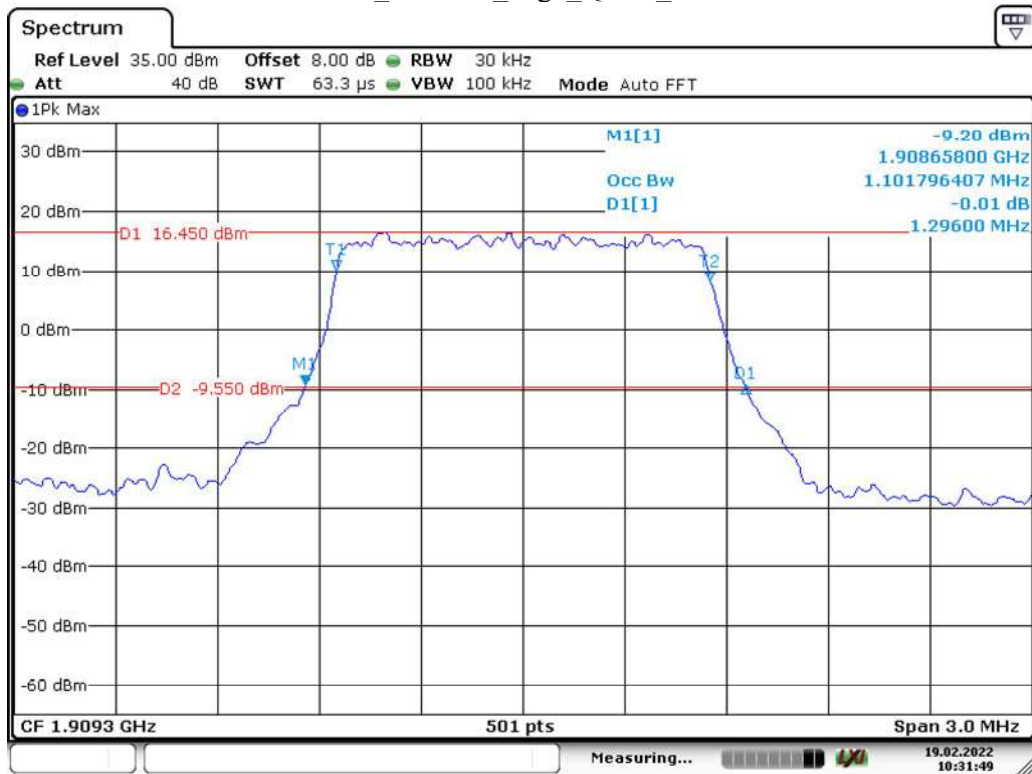
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Band 2_1.4 MHz_Middle_16QAM_RB6#0



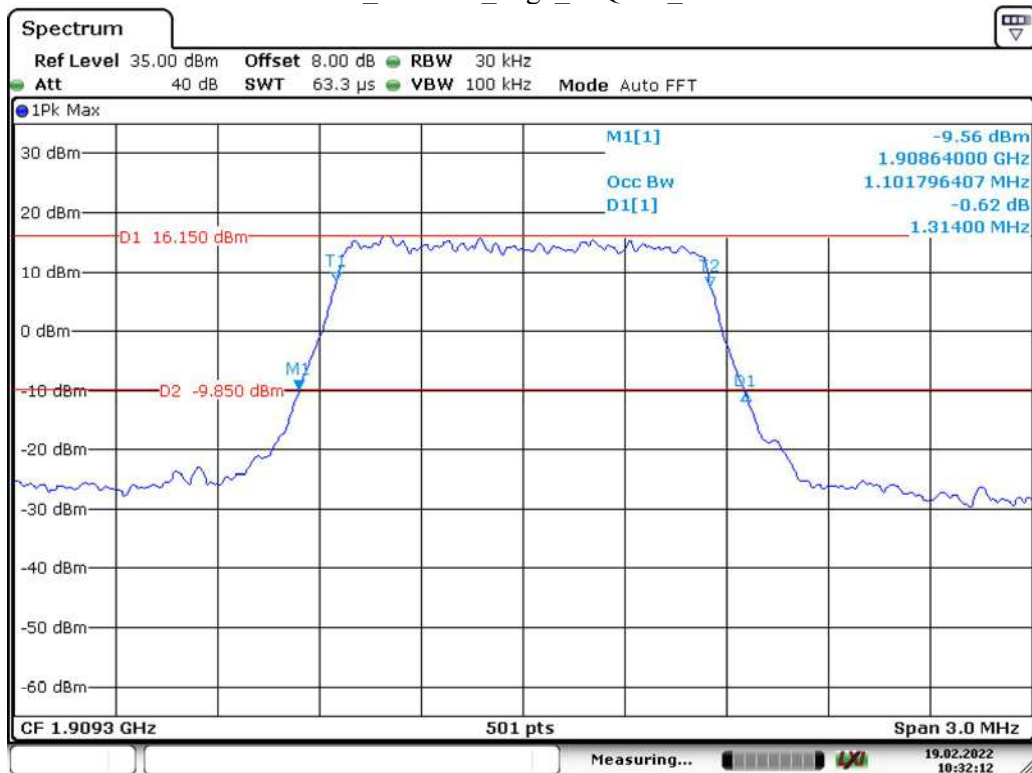
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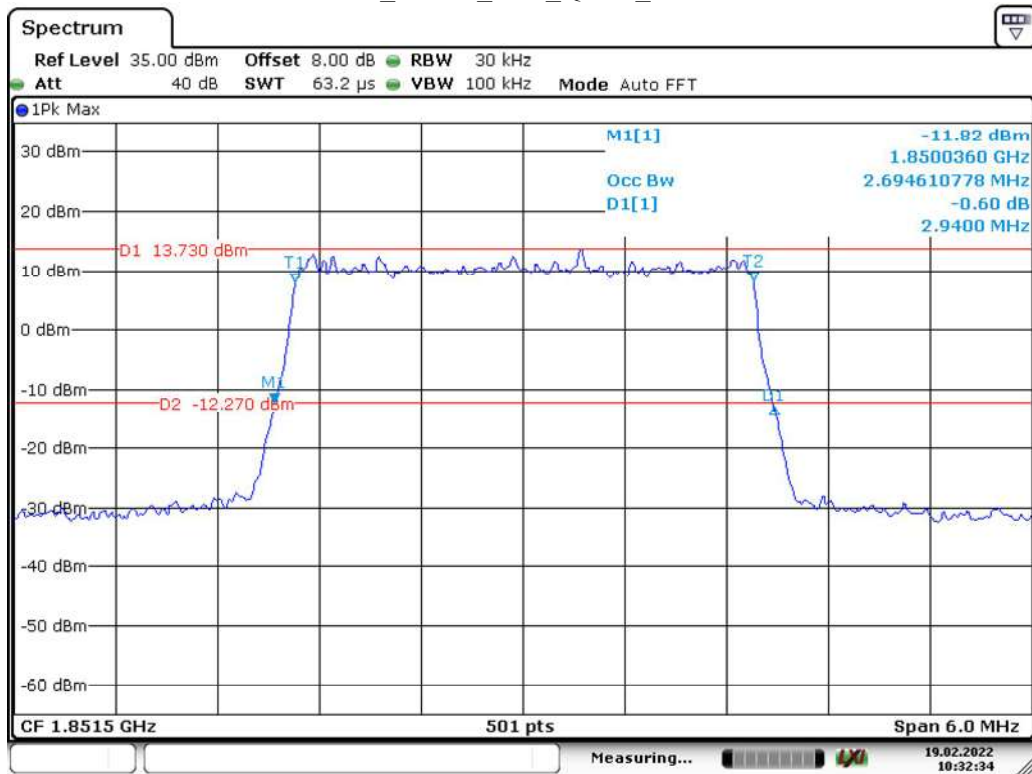
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Band 2_1.4 MHz_High_16QAM_RB6#0



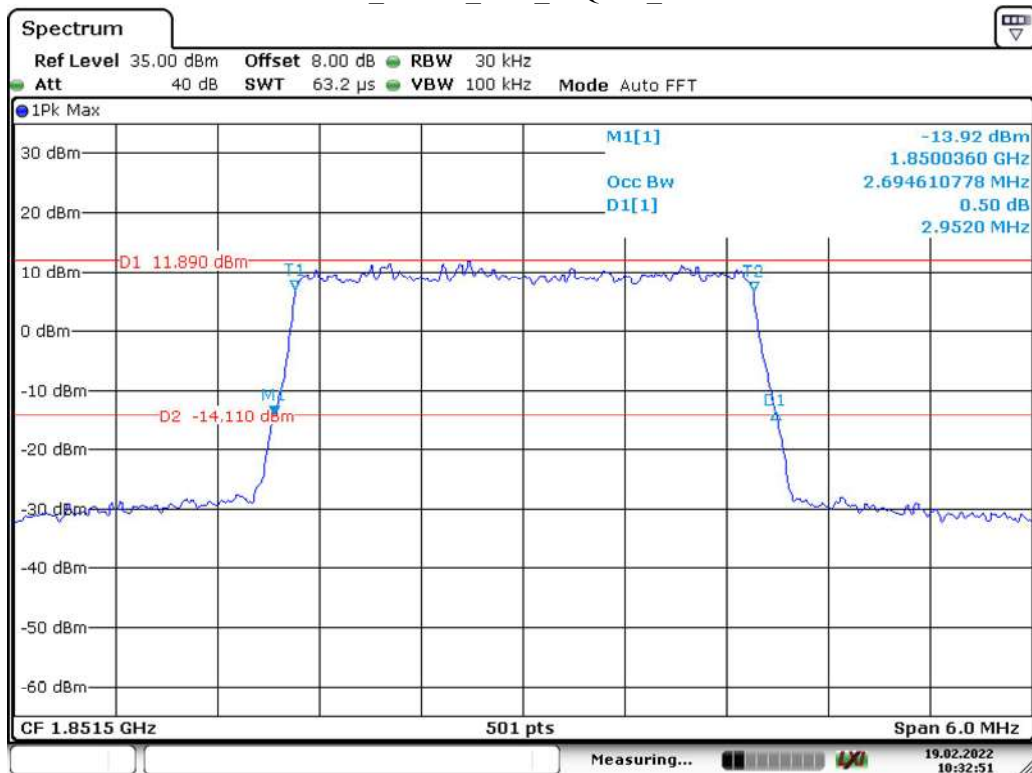
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Band 2_3 MHz_Low_QPSK_RB15#0



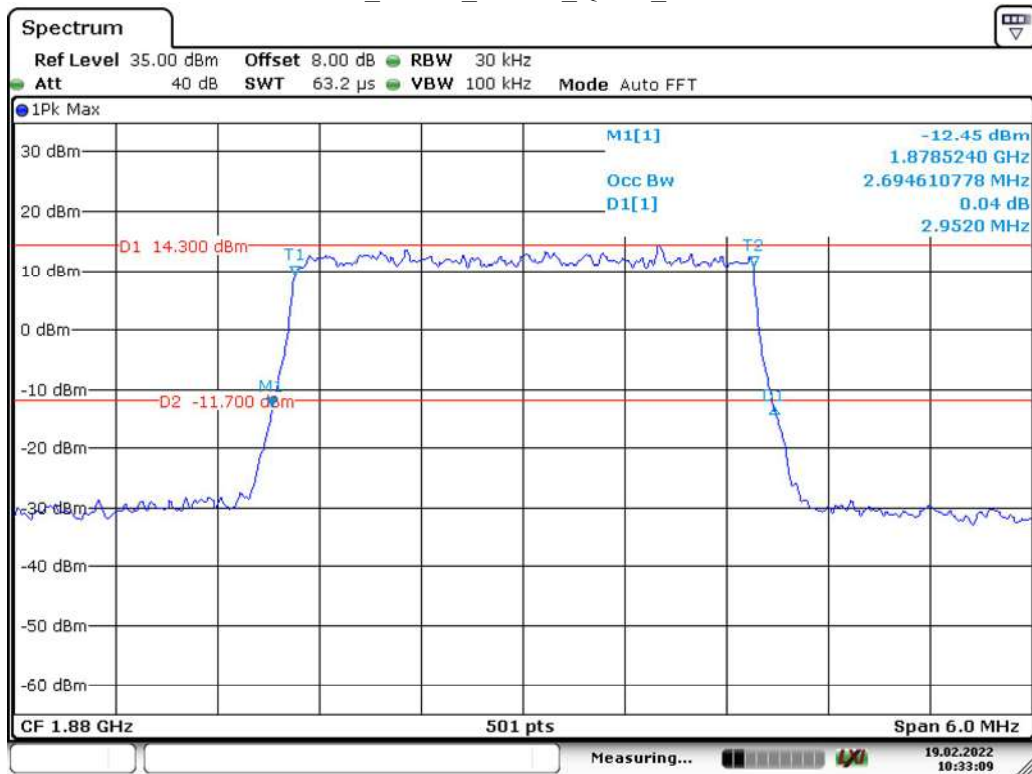
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Band 2_3 MHz_Low_16QAM_RB15#0



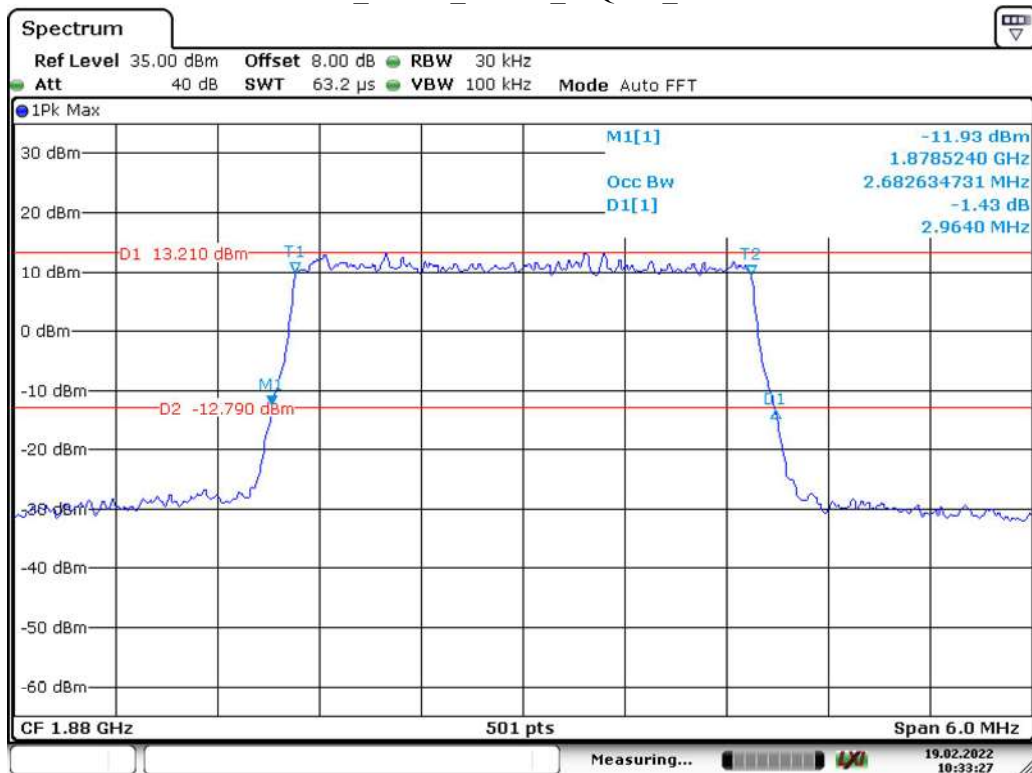
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Band 2_3 MHz_Middle_QPSK_RB15#0



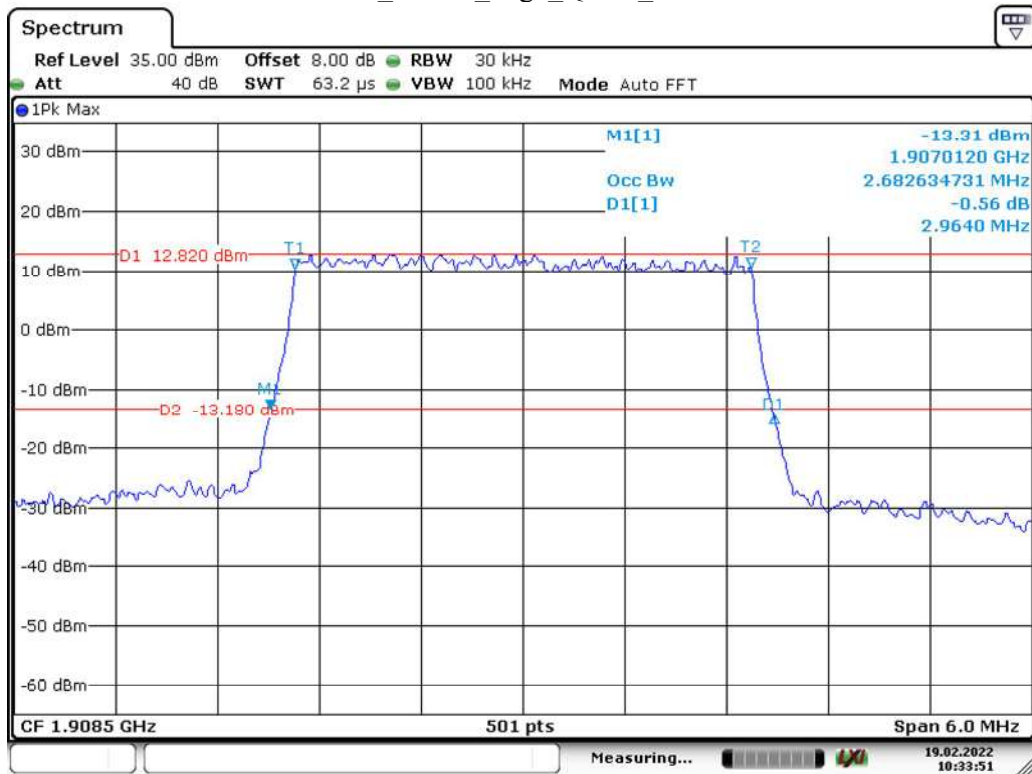
Date: 19.FEB.2022 10:33:09

Band 2_3 MHz_Middle_16QAM_RB15#0



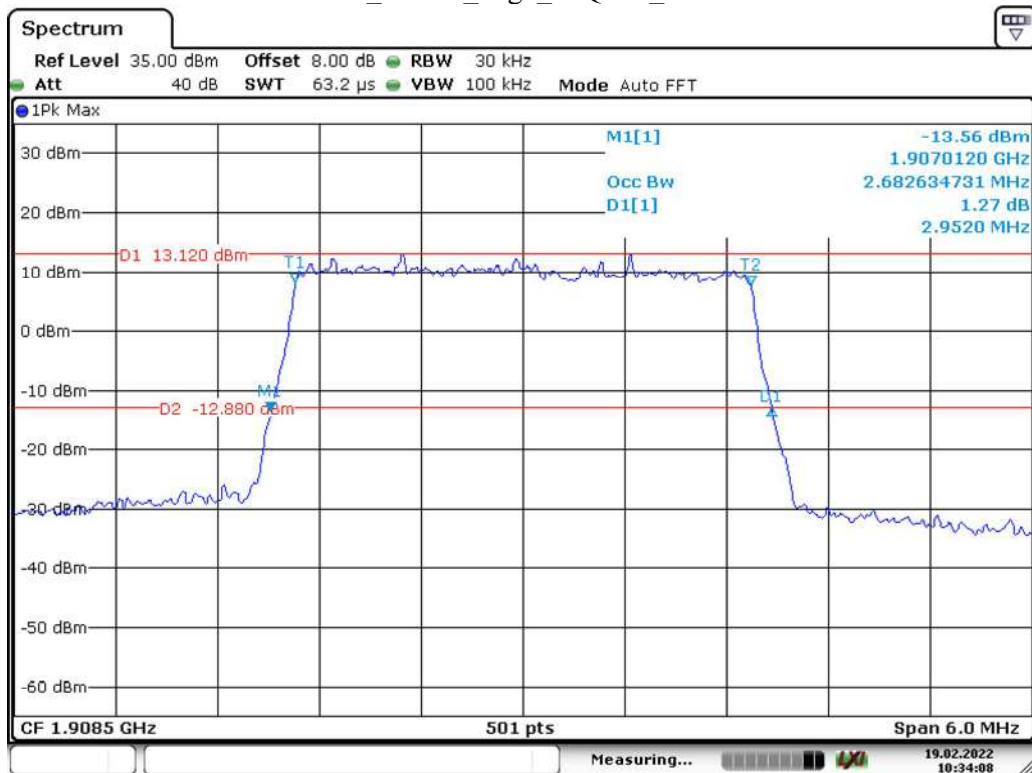
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Band 2_3 MHz_High_QPSK_RB15#0



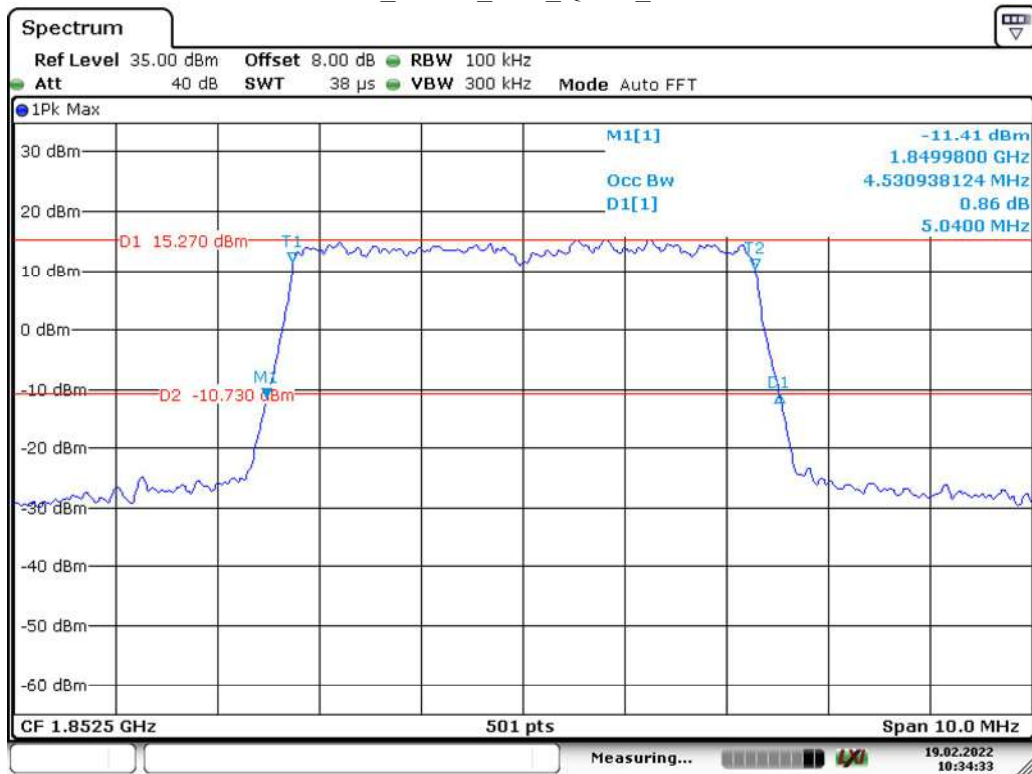
Date: 19.FEB.2022 10:33:51

Band 2_3 MHz_High_16QAM_RB15#0



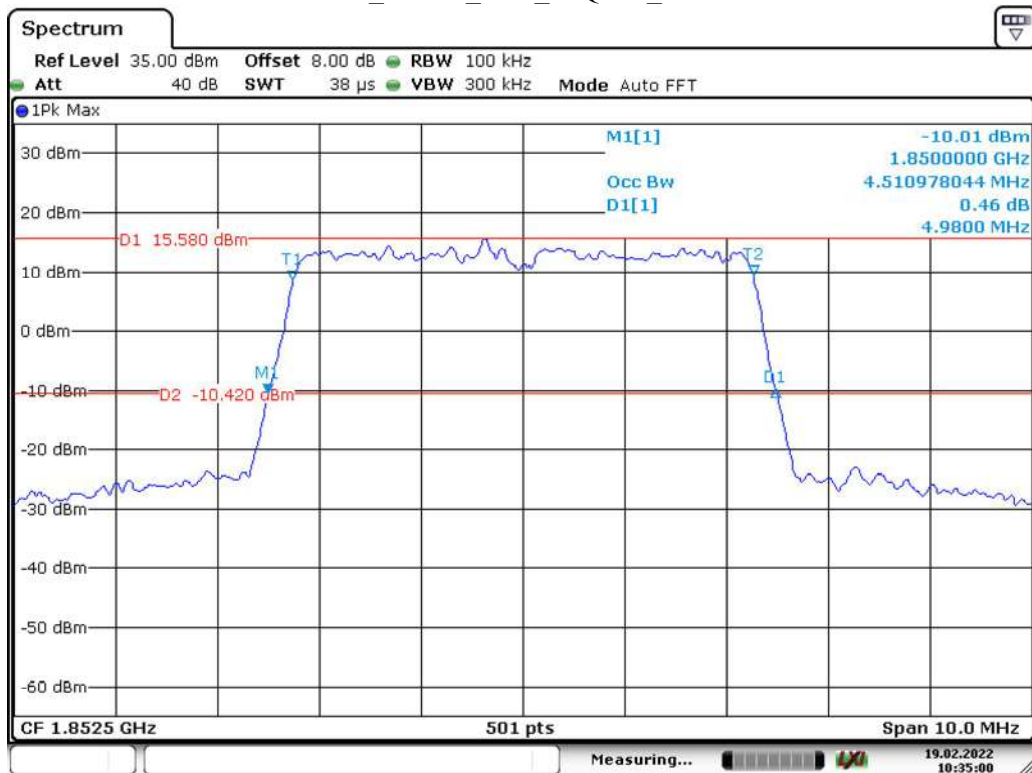
Date: 19.FEB.2022 10:34:08

Band 2_5 MHz_Low_QPSK_RB25#0



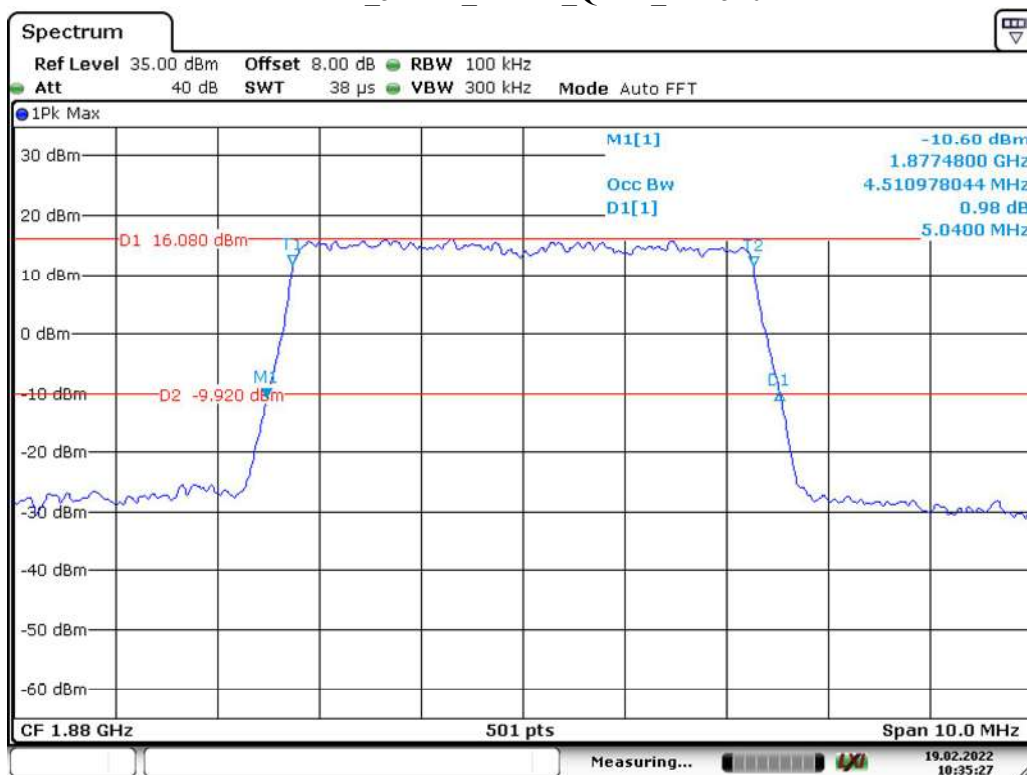
Date: 19.FEB.2022 10:34:33

Band 2_5 MHz_Low_16QAM_RB25#0



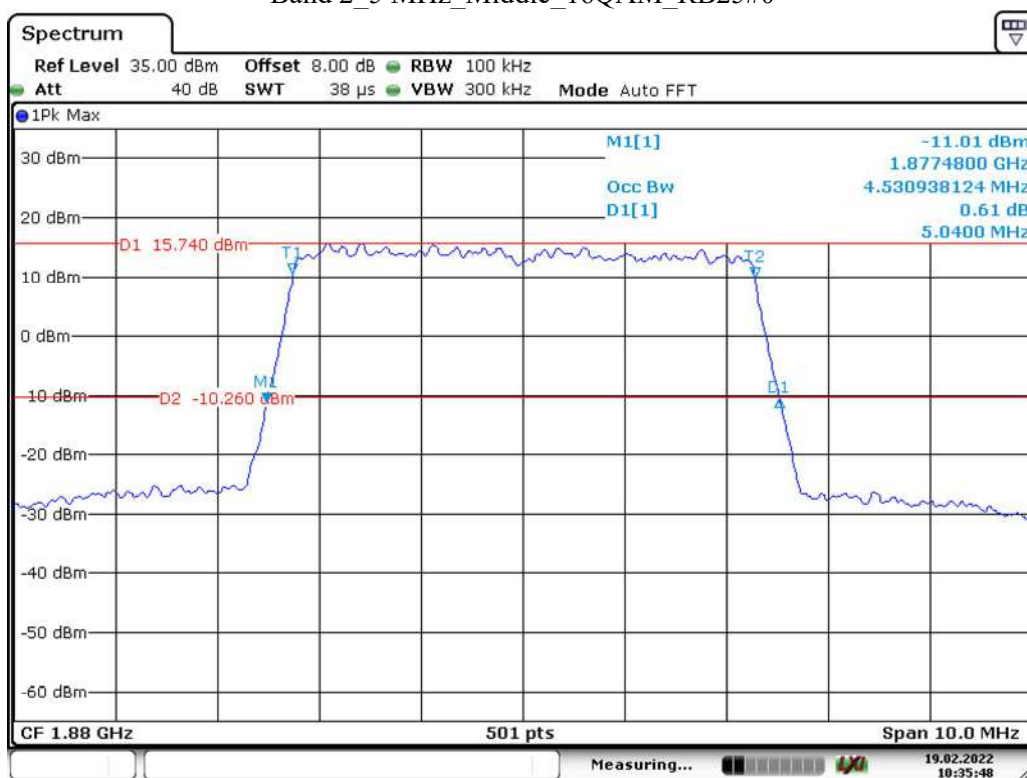
Date: 19.FEB.2022 10:35:00

Band 2	5 MHz	Middle	QPSK	RB25#0
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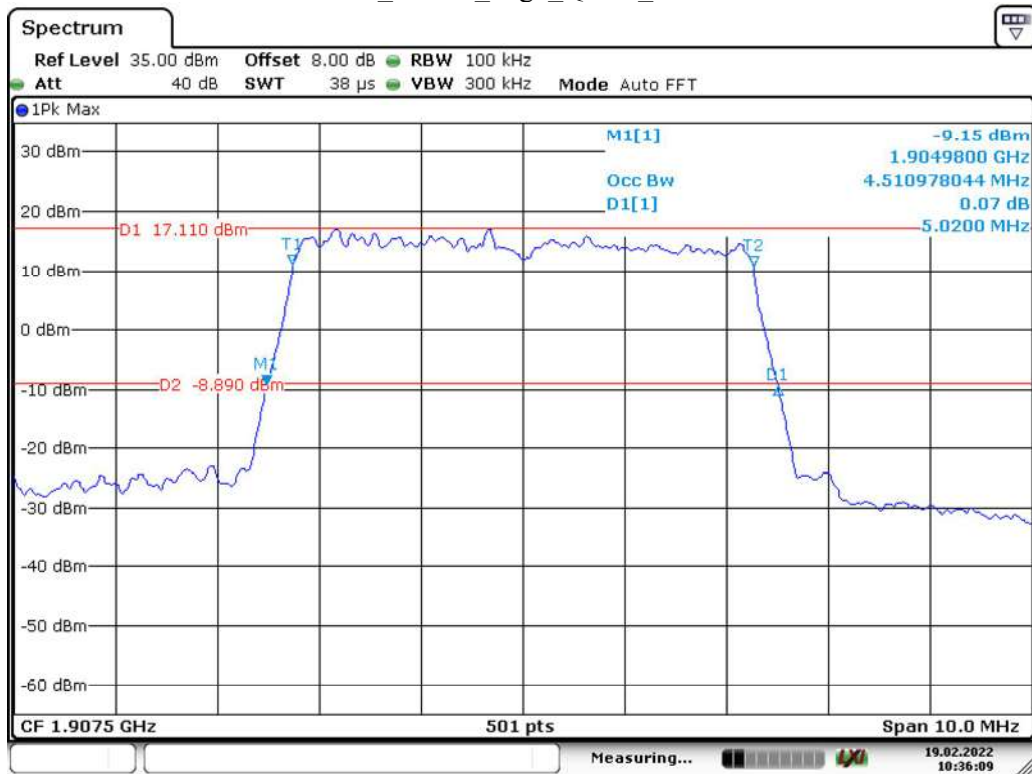
Date: 19.FEB.2022 10:35:27

Band 2 5 MHz Middle 16QAM RB25#0



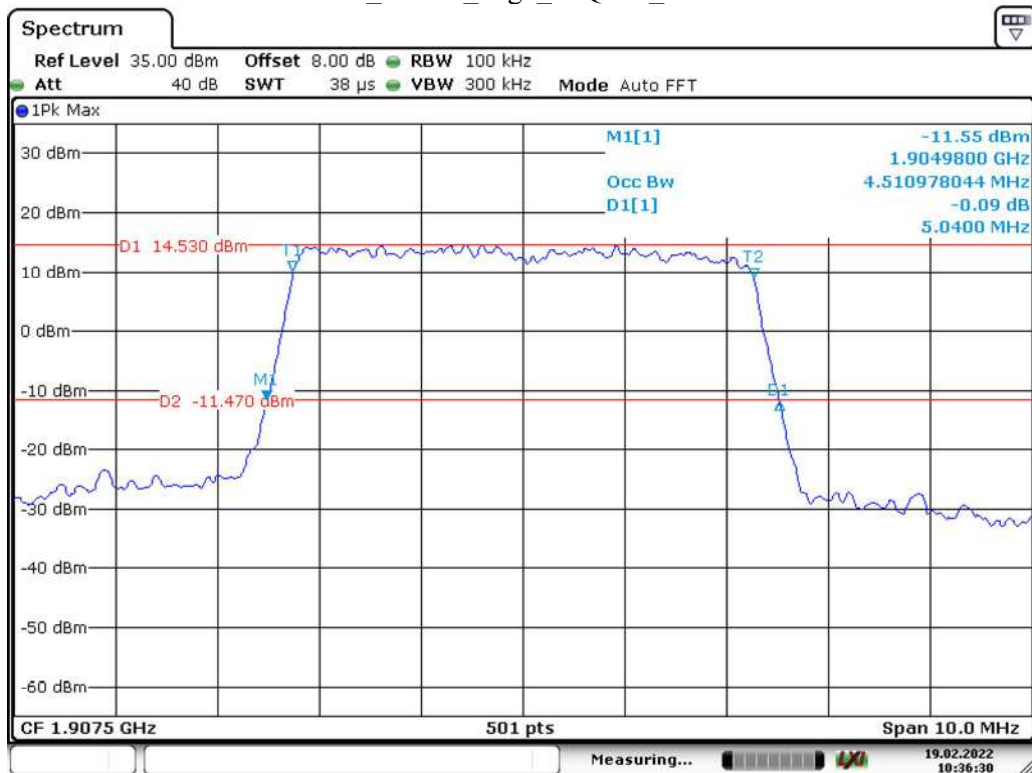
Date: 19.FEB.2022 10:35:48

Band 2_5 MHz_High_QPSK_RB25#0



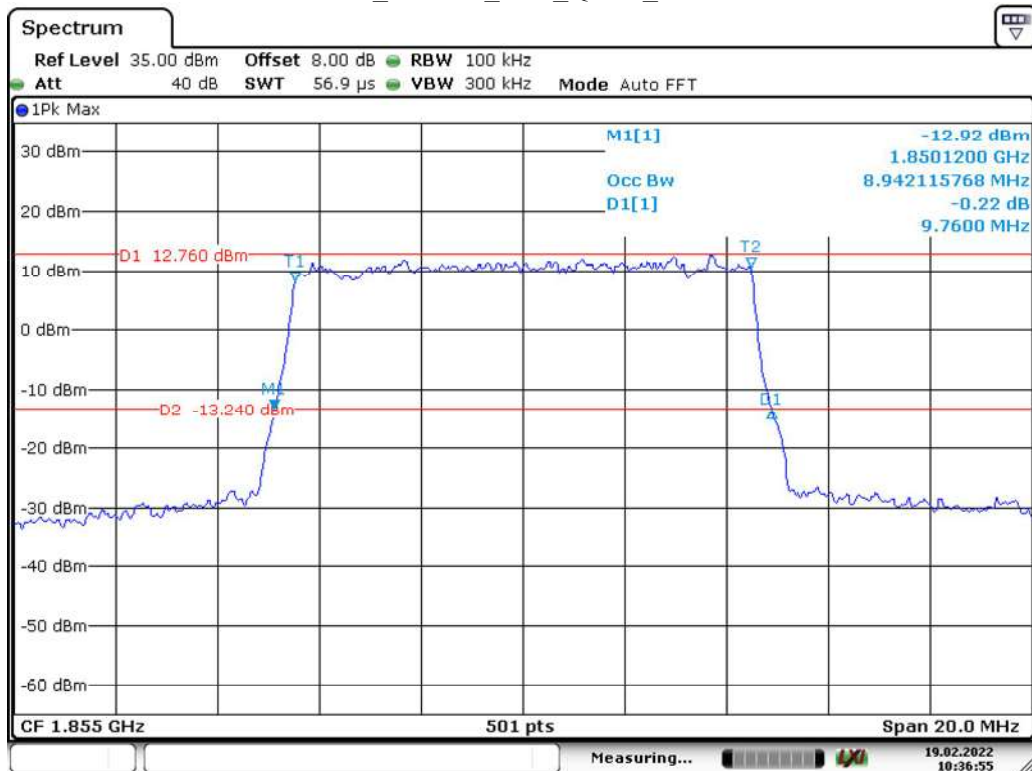
Date: 19.FEB.2022 10:36:09

Band 2_5 MHz_High_16QAM_RB25#0



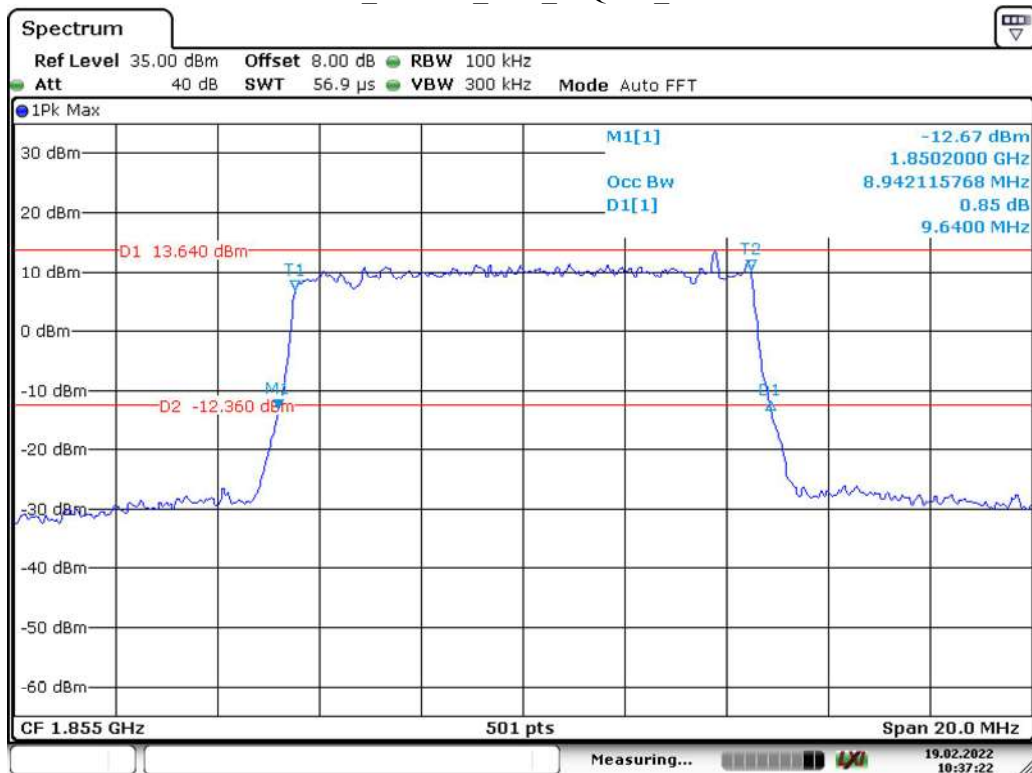
Date: 19.FEB.2022 10:36:30

Band 2_10 MHz_Low_QPSK_RB50#0



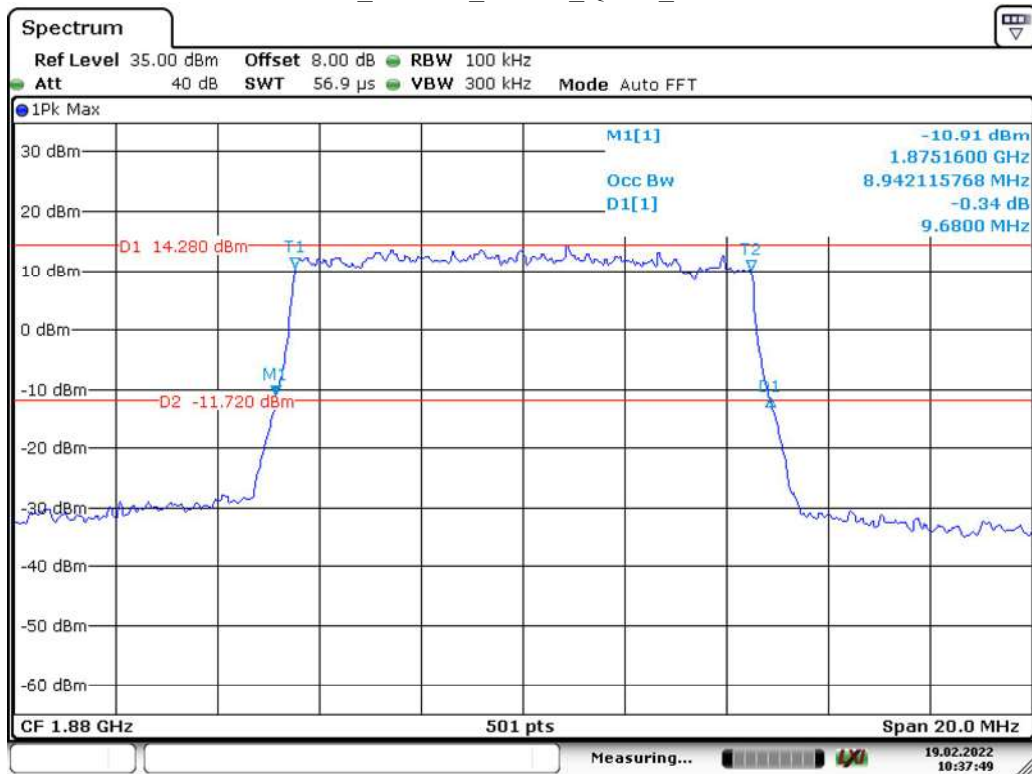
Date: 19.FEB.2022 10:36:55

Band 2_10 MHz_Low_16QAM_RB50#0



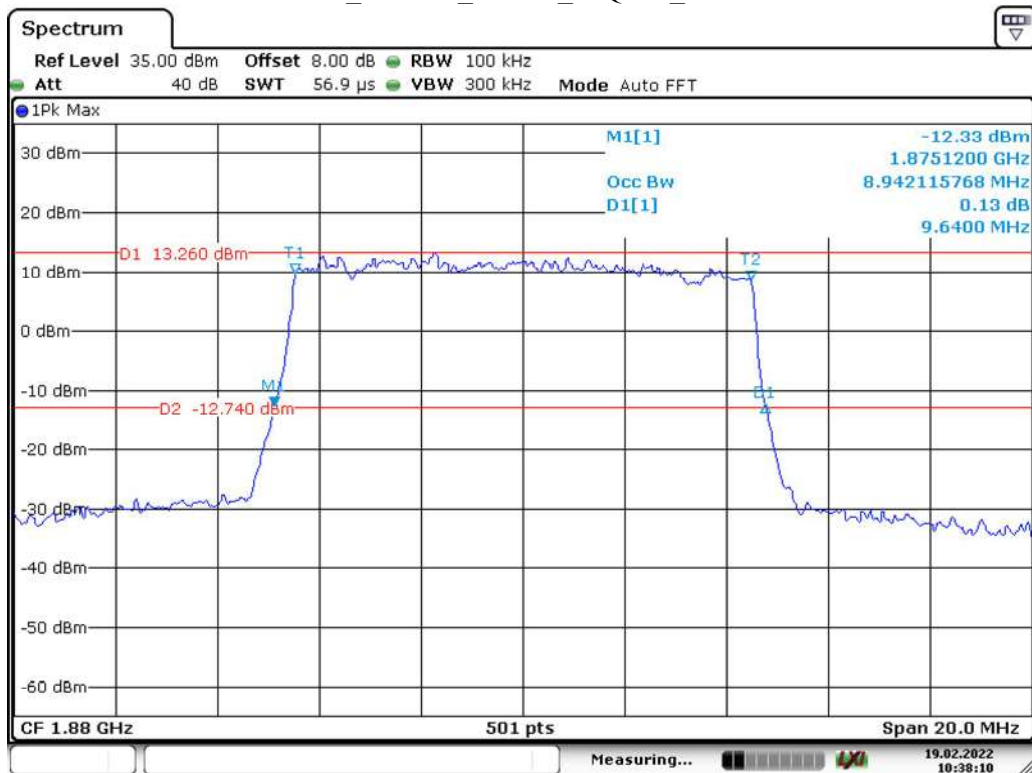
Date: 19.FEB.2022 10:37:21

Band 2_10 MHz_Middle_QPSK_RB50#0



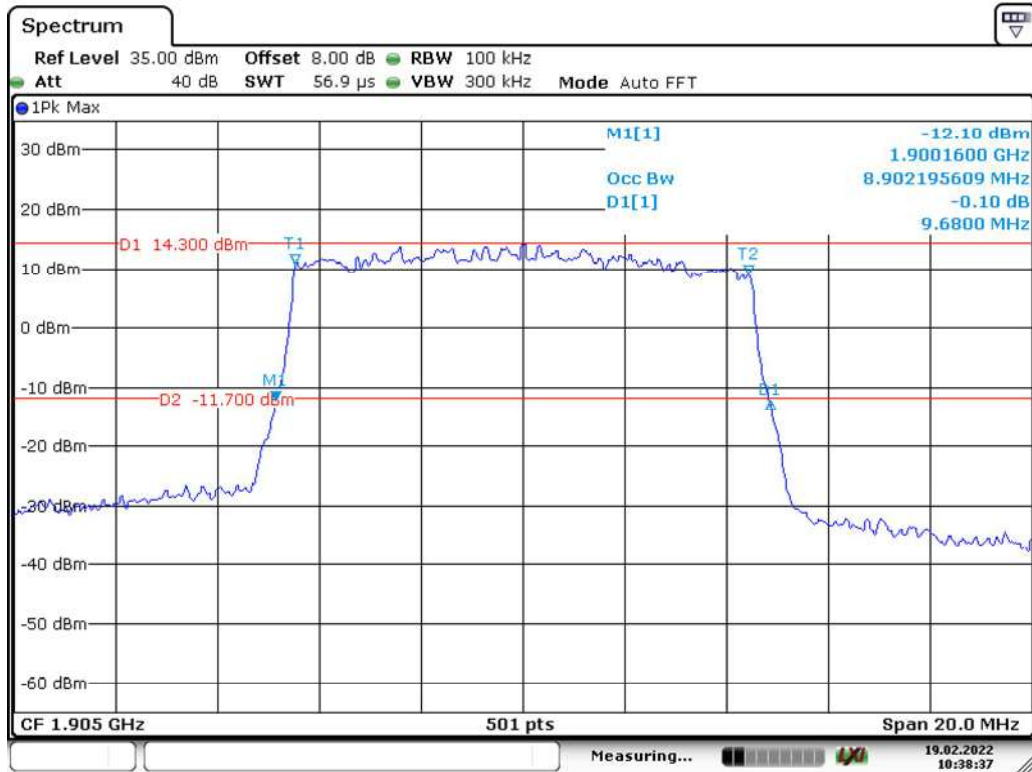
Date: 19.FEB.2022 10:37:49

Band 2_10 MHz_Middle_16QAM_RB50#0



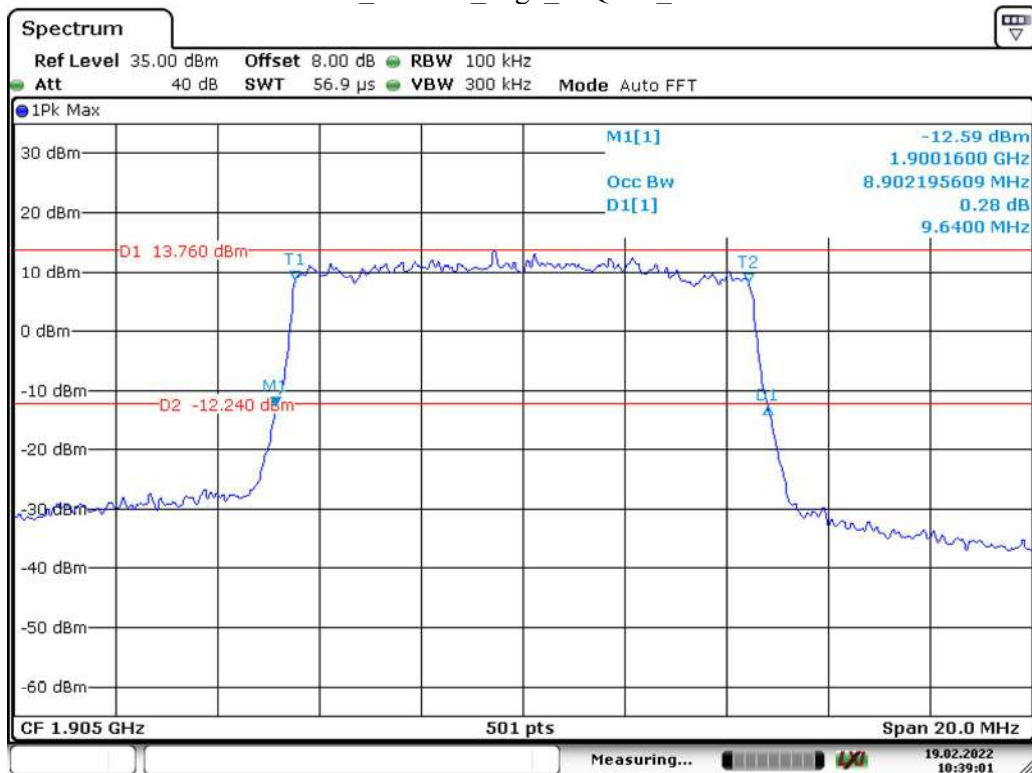
Date: 19.FEB.2022 10:38:10

Band 2_10 MHz_High_QPSK_RB50#0



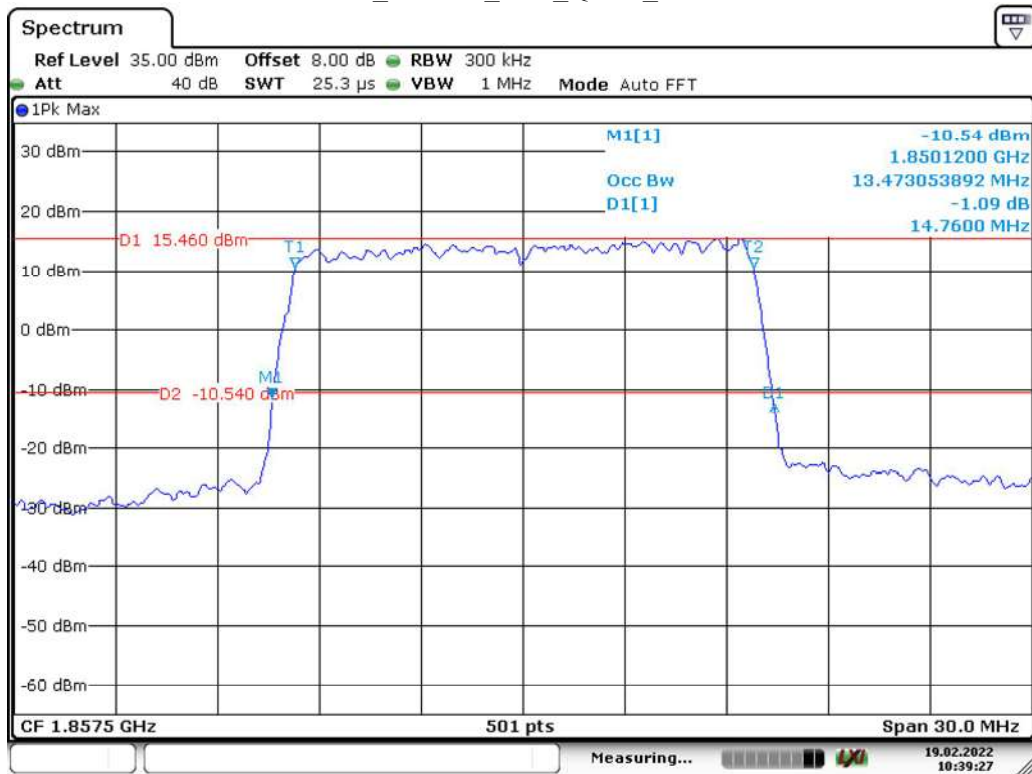
Date: 19.FEB.2022 10:38:37

Band 2_10 MHz_High_16QAM_RB50#0



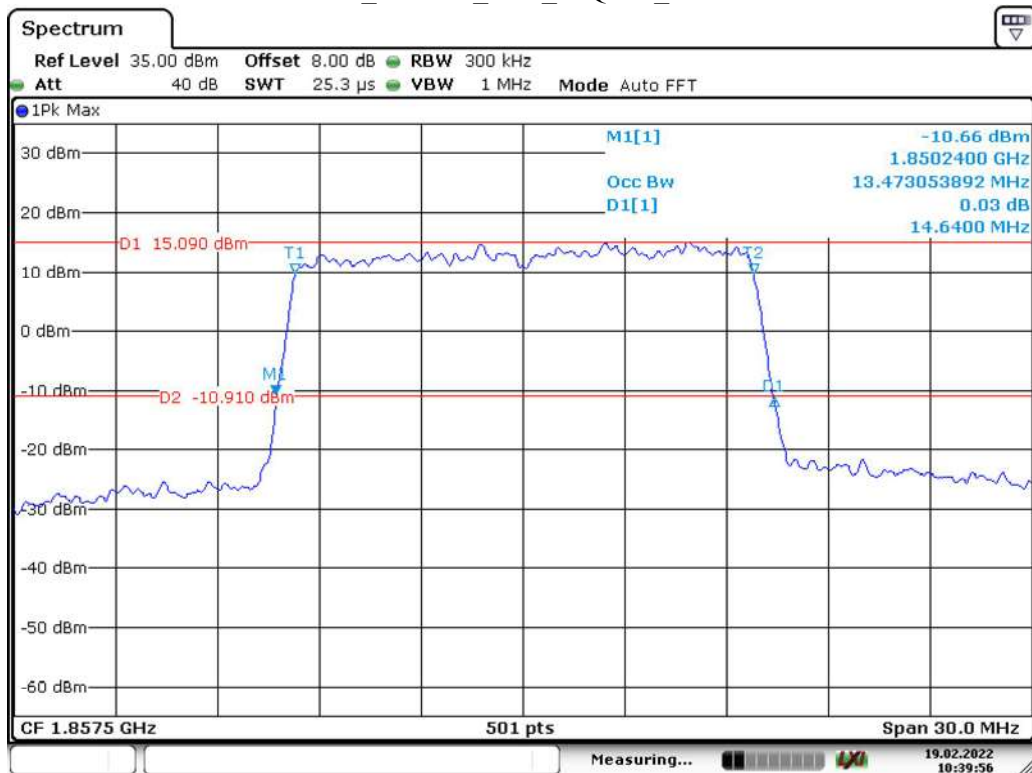
Date: 19.FEB.2022 10:39:01

Band 2_15 MHz_Low_QPSK_RB75#0



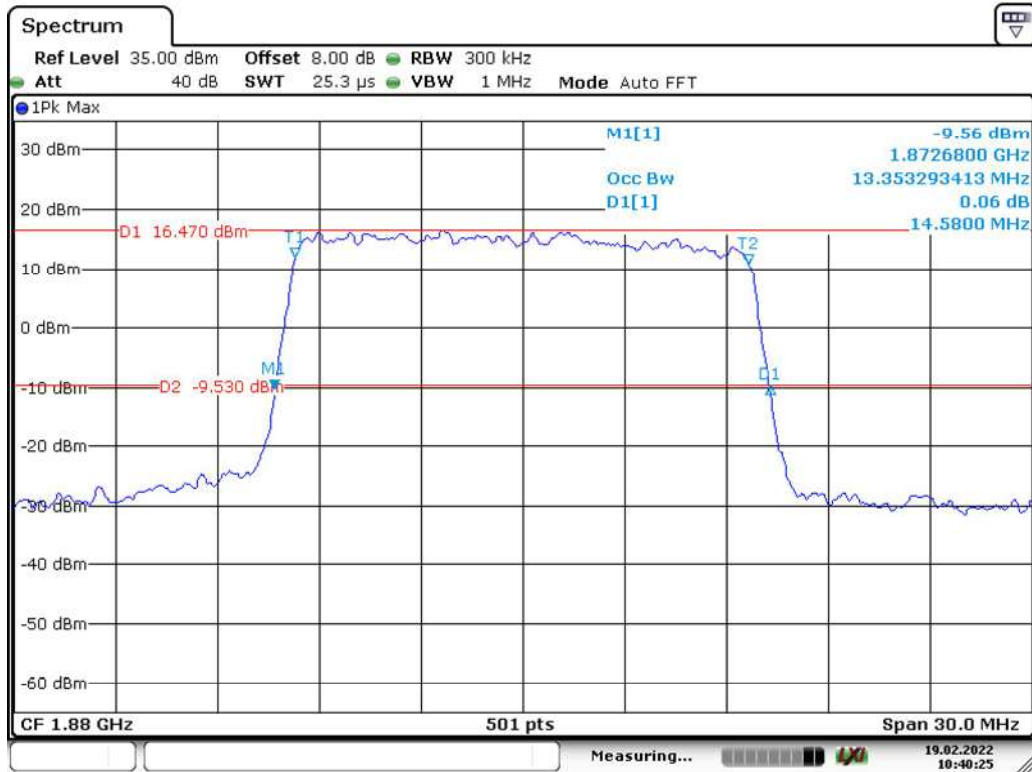
Date: 19.FEB.2022 10:39:27

Band 2_15 MHz_Low_16QAM_RB75#0



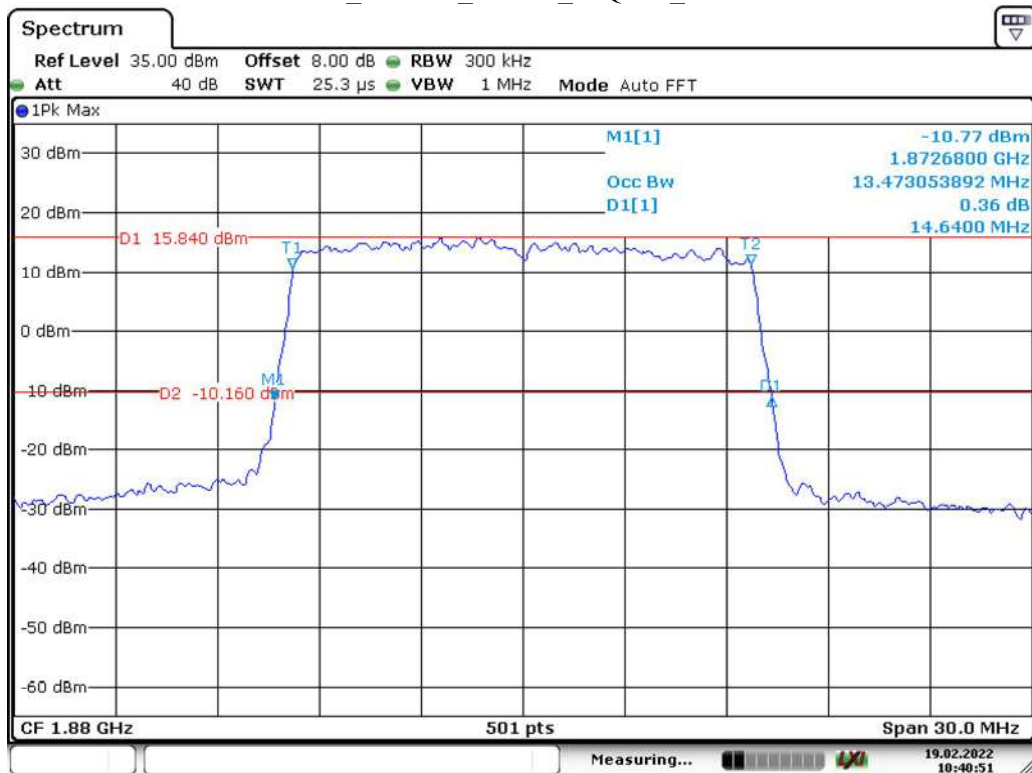
Date: 19.FEB.2022 10:39:56

Band 2_15 MHz_Middle_QPSK_RB75#0



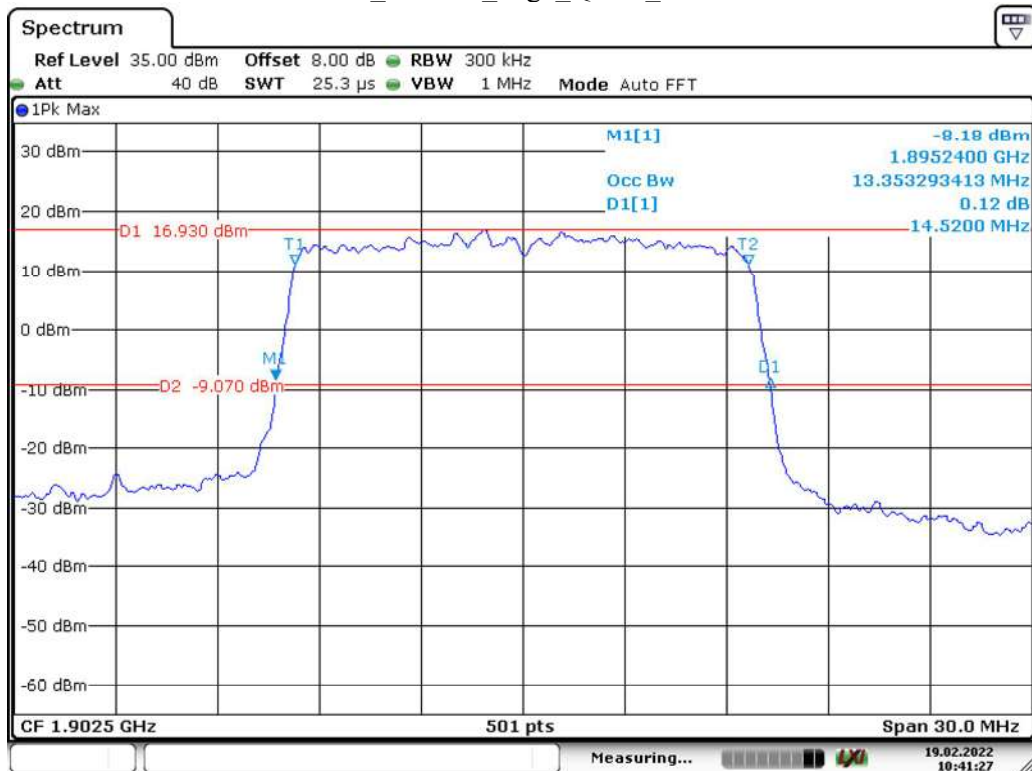
Date: 19.FEB.2022 10:40:25

Band 2_15 MHz_Middle_16QAM_RB75#0



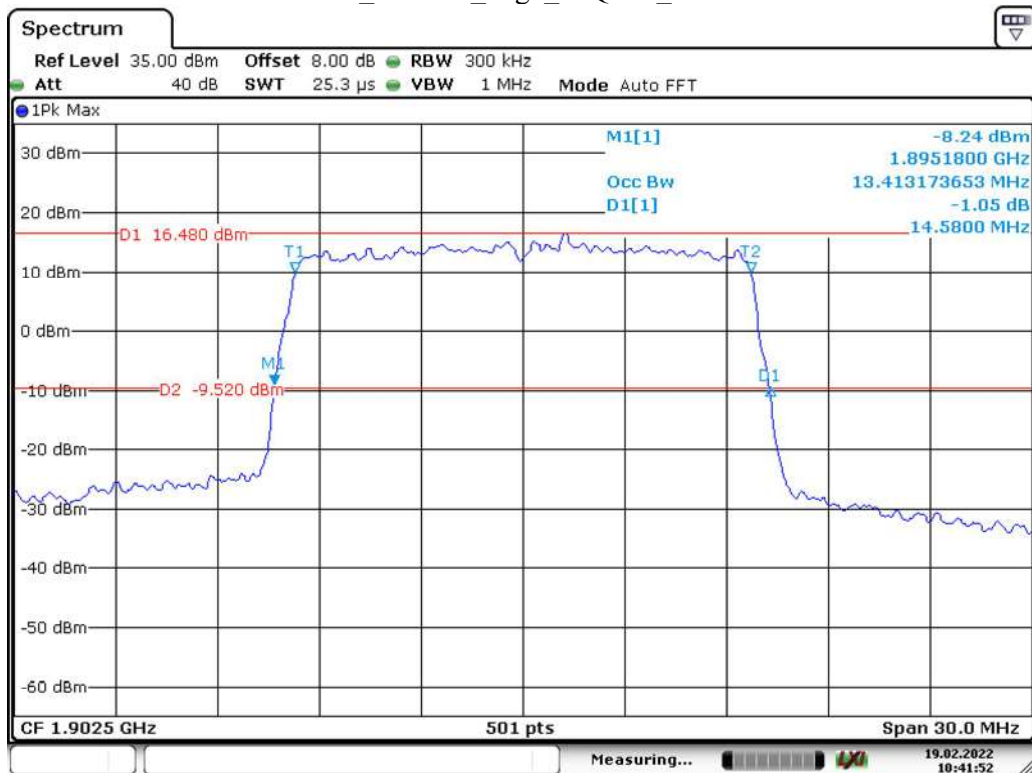
Date: 19.FEB.2022 10:40:51

Band 2_15 MHz_High_QPSK_RB75#0



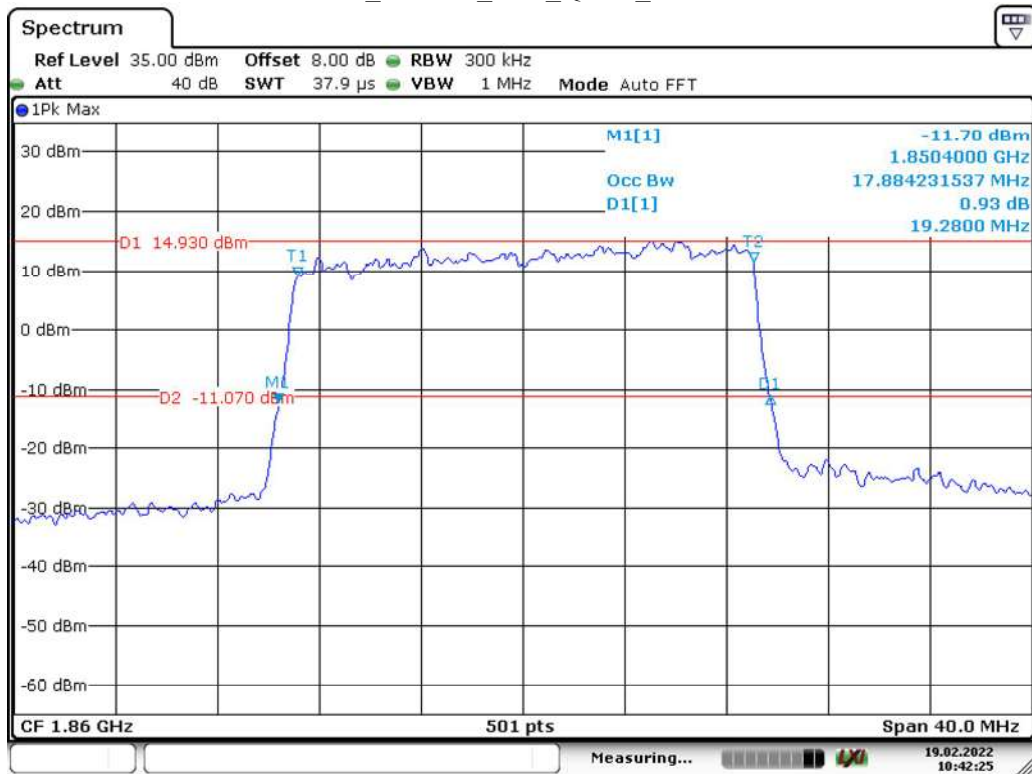
Date: 19.FEB.2022 10:41:27

Band 2_15 MHz_High_16QAM_RB75#0



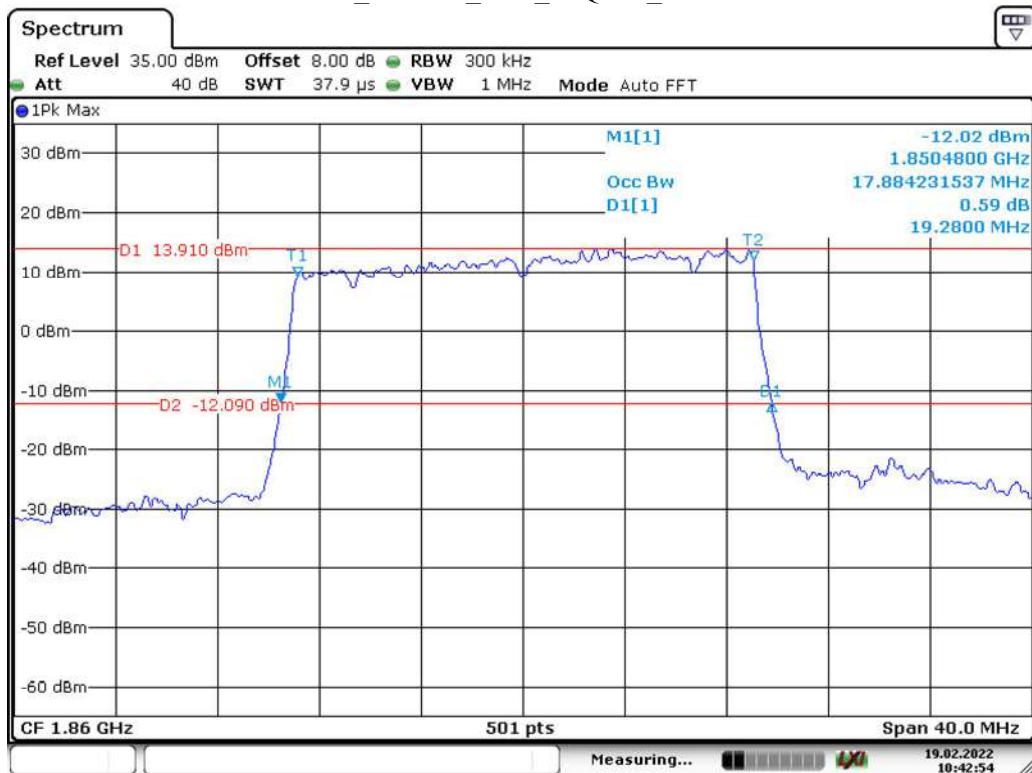
Date: 19.FEB.2022 10:41:52

Band 2_20 MHz_Low_QPSK_RB100#0



Date: 19.FEB.2022 10:42:25

Band 2_20 MHz_Low_16QAM_RB100#0



Date: 19.FEB.2022 10:42:54