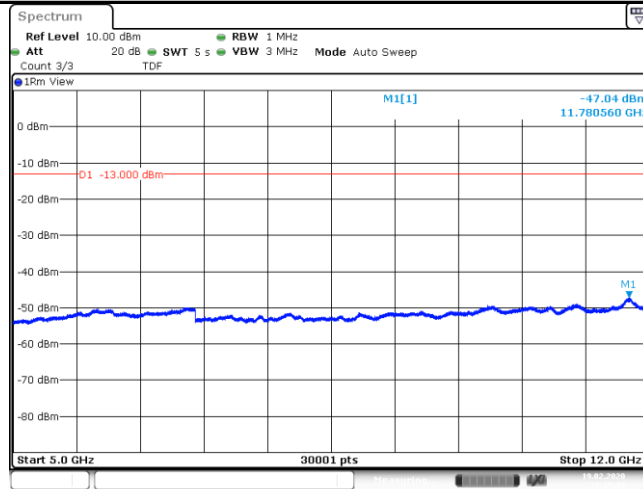
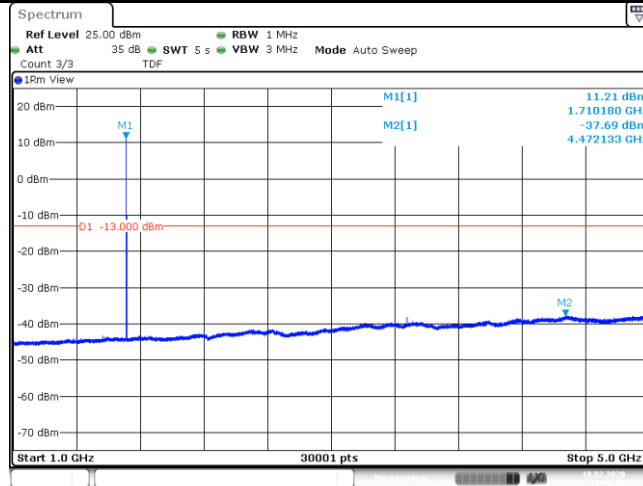


Band4\_Stand-Alone\_NaN\_QPSK\_20399\_12@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.04dBm\_-13\_PASS\_



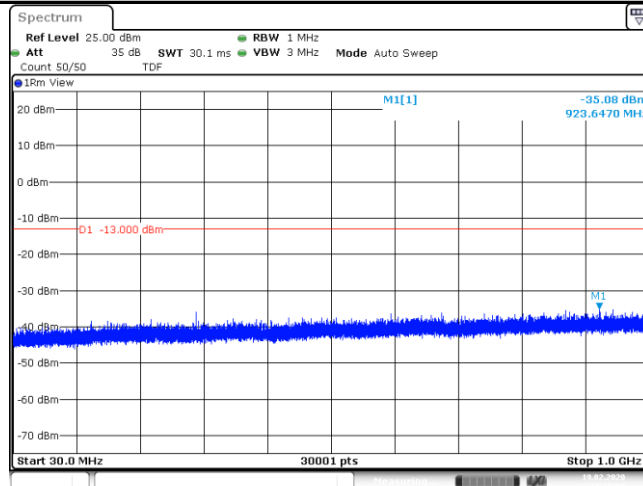
Date: 19.FEB.2020 11:15:08

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@11\_15kHz\_1000\_5000\_1000~5000MHz@-37.69dBm\_-13\_PASS\_



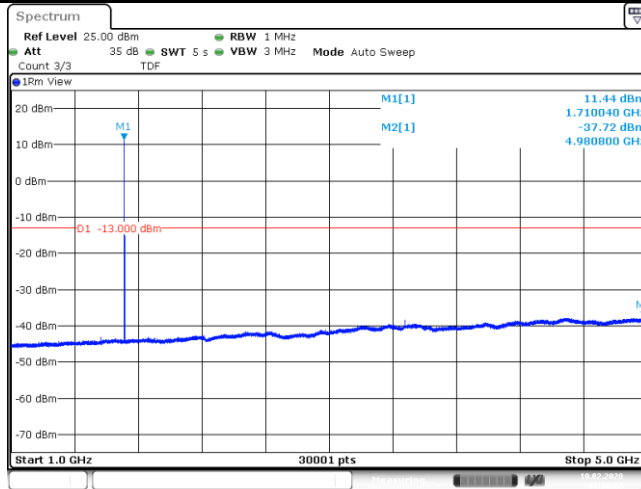
Date: 19.FEB.2020 11:17:56

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@0\_15kHz\_30\_1000\_30~1000MHz@-35.08dBm\_-13\_PASS\_



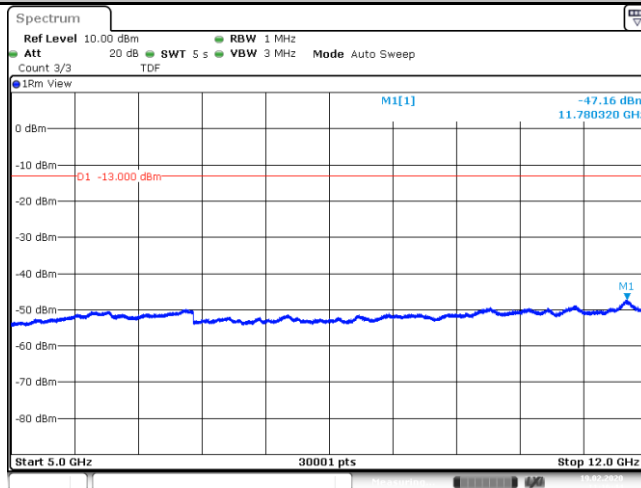
Date: 19.FEB.2020 11:15:59

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.72dBm\_-13\_PASS\_



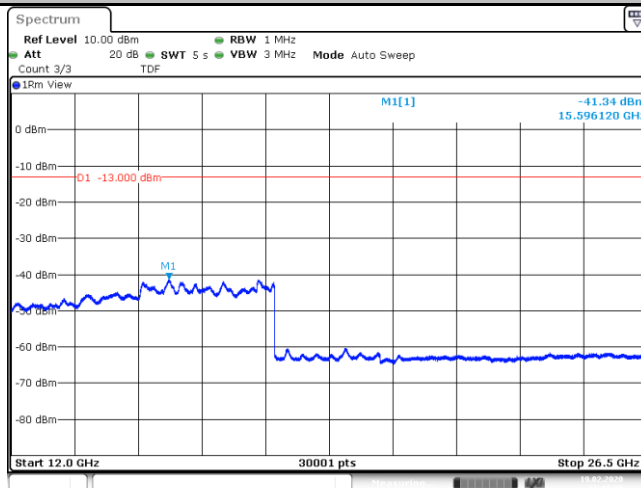
Date: 19.FEB.2020 11:16:22

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.16dBm\_-13\_PASS\_



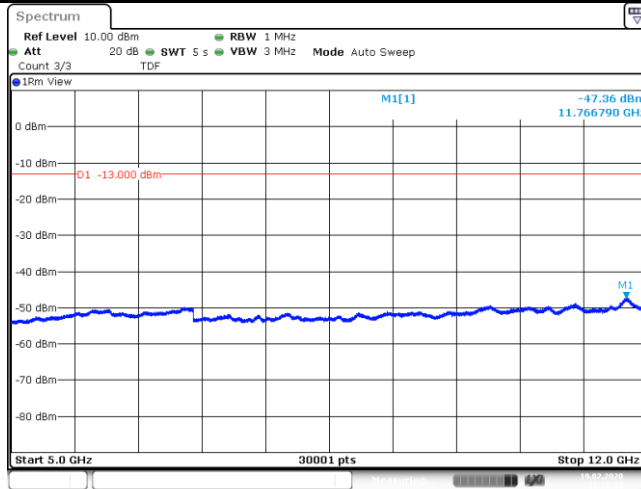
Date: 19.FEB.2020 11:16:44

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.34dBm\_-13\_PASS\_



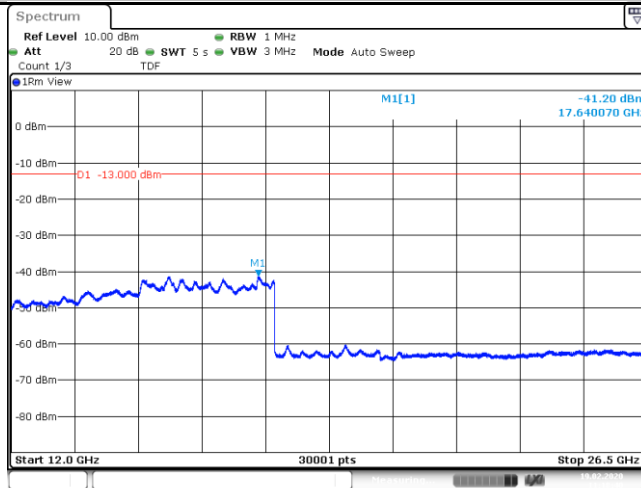
Date: 19.FEB.2020 11:17:06

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@11\_15kHz\_5000\_12000\_5000~12000MHz@-47.36dBm\_-13\_PASS\_\_



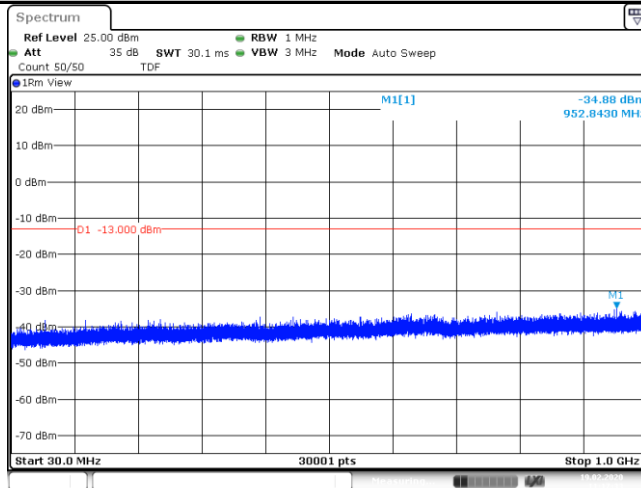
Date: 19.FEB.2020 11:18:18

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@11\_15kHz\_12000\_26500\_12000~26500MHz@-41.2dBm\_-13\_PASS\_\_



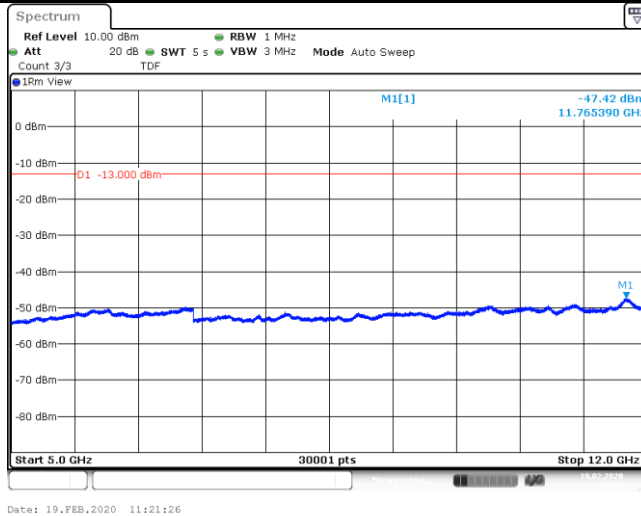
Date: 19.FEB.2020 11:18:40

Band4\_Stand-Alone\_NaN\_BPSK\_19951\_1@11\_15kHz\_30\_1000\_30~1000MHz@-34.88dBm\_-13\_PASS\_\_

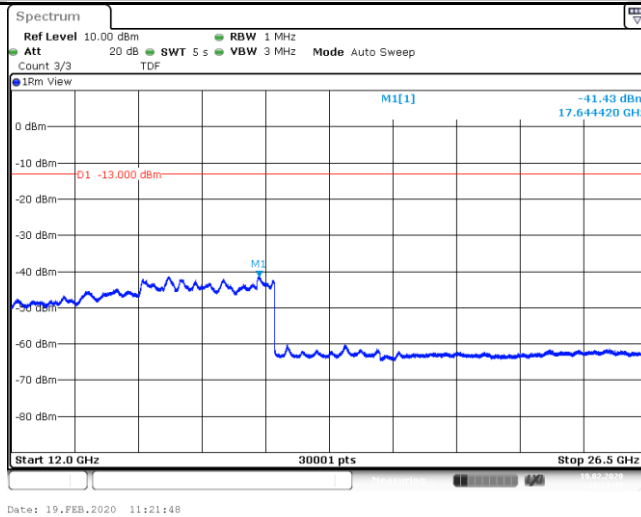


Date: 19.FEB.2020 11:17:33

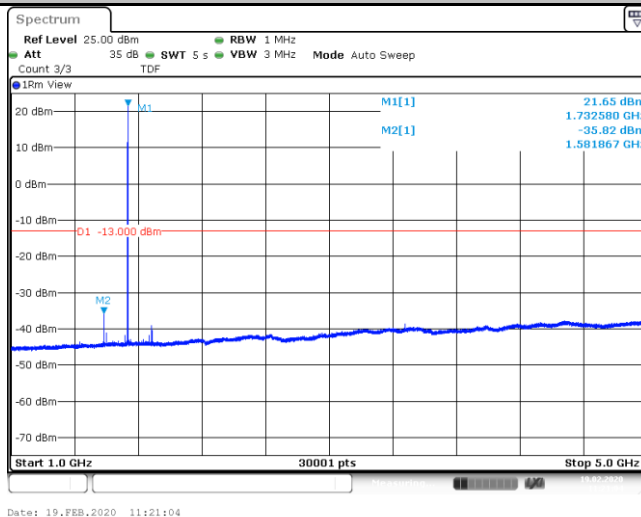
Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@11\_15kHz\_5000\_12000\_5000~12000MHz@-47.42dBm\_-13\_PASS\_\_



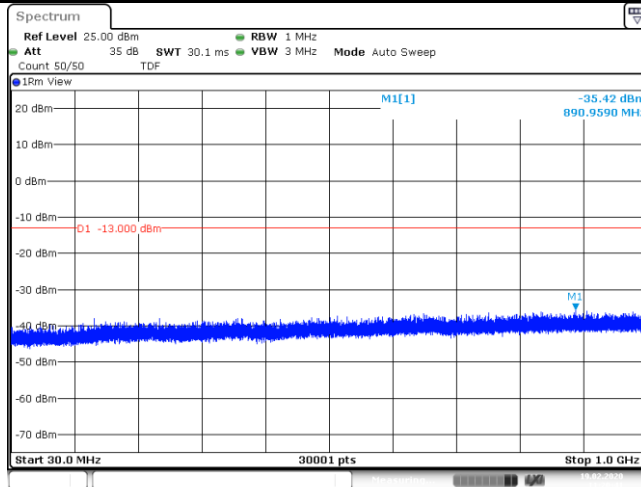
Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@11\_15kHz\_12000\_26500\_12000~26500MHz@-41.43dBm\_-13\_PASS



Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@11\_15kHz\_1000\_5000\_1000~5000MHz@-35.82dBm\_-13\_PASS\_\_

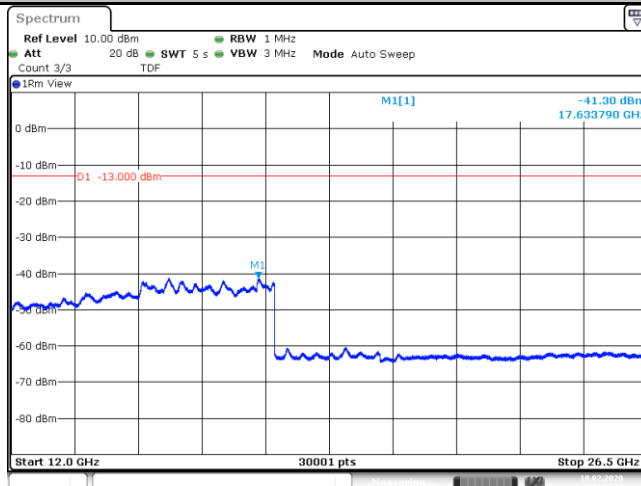


Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@11\_15kHz\_30\_1000\_30~1000MHz@-35.42dBm\_-13\_PASS\_\_



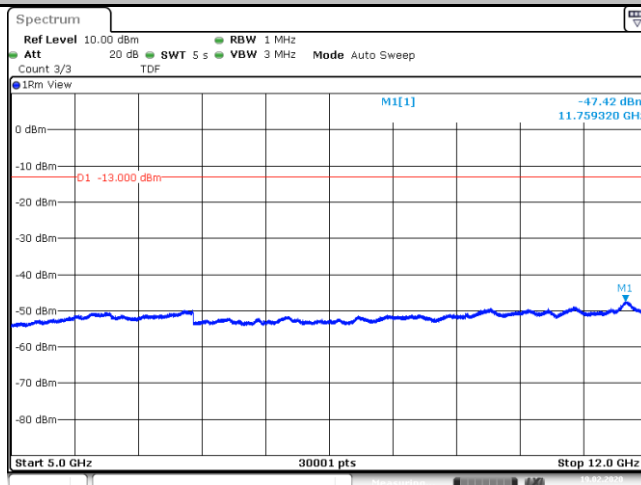
Date: 19.FEB.2020 11:20:41

Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.3dBm\_-13\_PASS\_\_



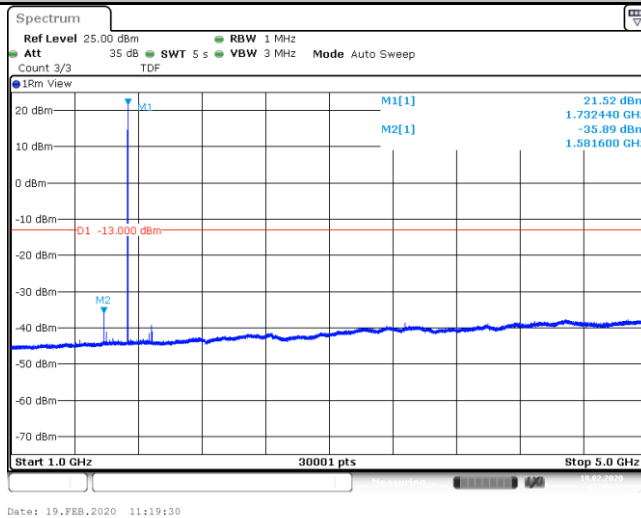
Date: 19.FEB.2020 11:20:14

Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.42dBm\_-13\_PASS\_\_

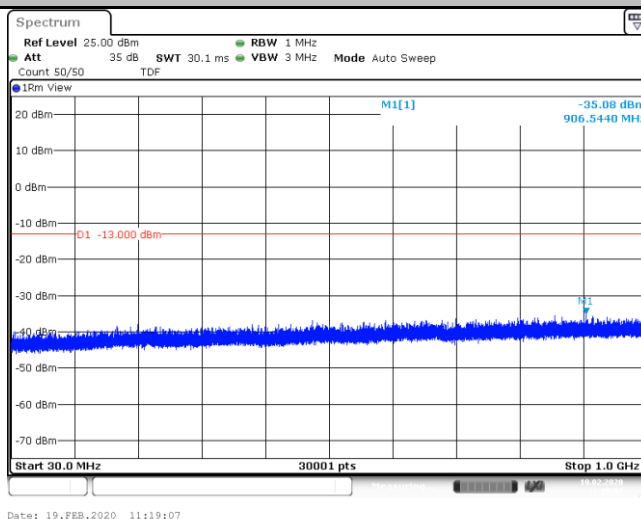


Date: 19.FEB.2020 11:19:52

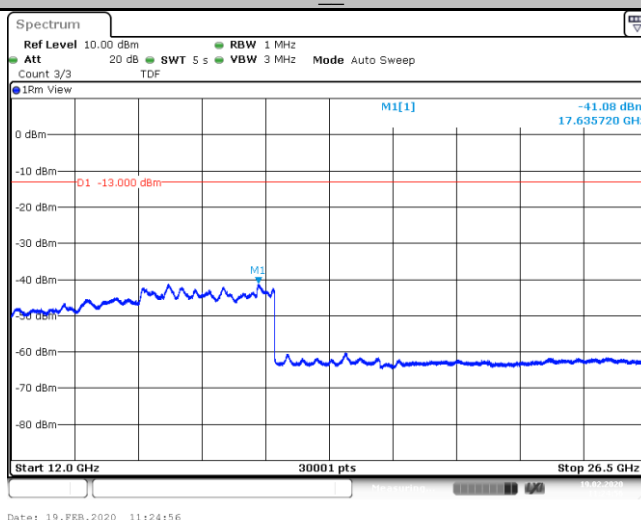
Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@0\_15kHz\_1000\_5000\_1000~5000MHz@-35.89dBm\_-13\_PASS\_\_



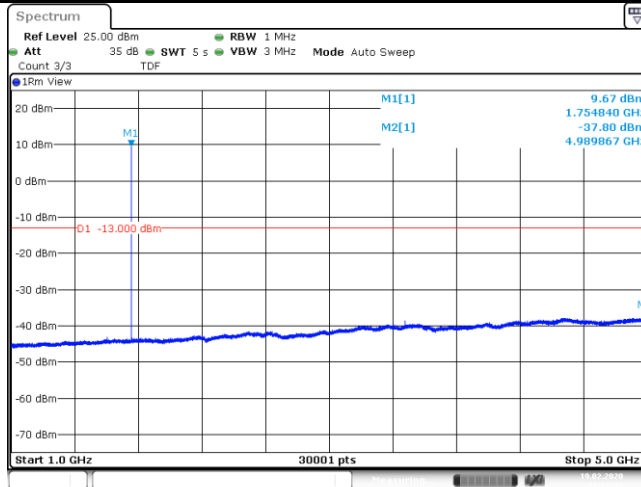
Band4\_Stand-Alone\_NaN\_BPSK\_20175\_1@0\_15kHz\_30\_1000\_30~1000MHz@-35.08dBm\_-13\_PASS\_\_



Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@11\_15kHz\_12000\_26500\_12000~26500MHz@-41.08dBm\_-13\_PASS

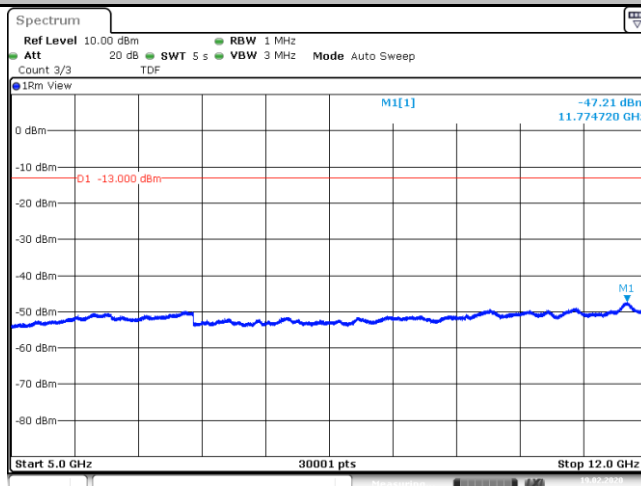


Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.8dBm\_-13\_PASS\_\_



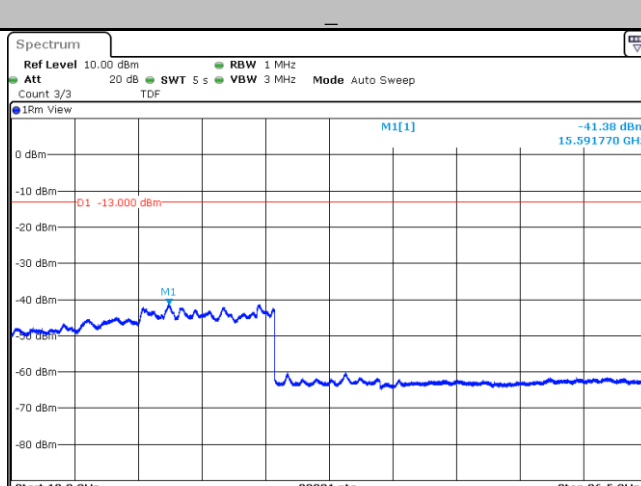
Date: 19.FEB.2020 11:22:38

Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.21dBm\_-13\_PASS\_\_



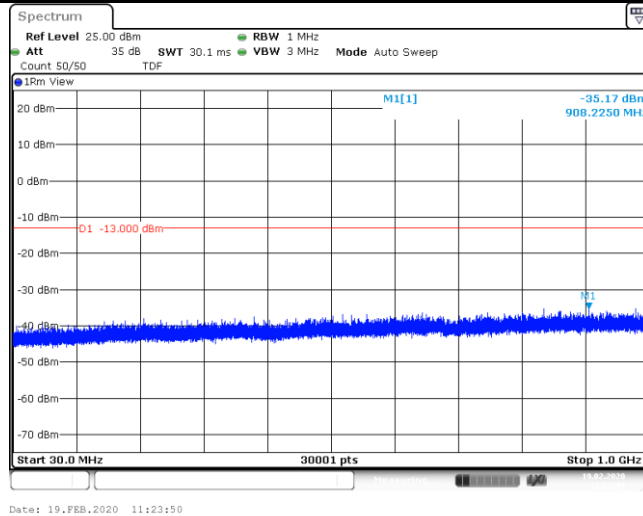
Date: 19.FEB.2020 11:23:00

Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.38dBm\_-13\_PASS\_\_

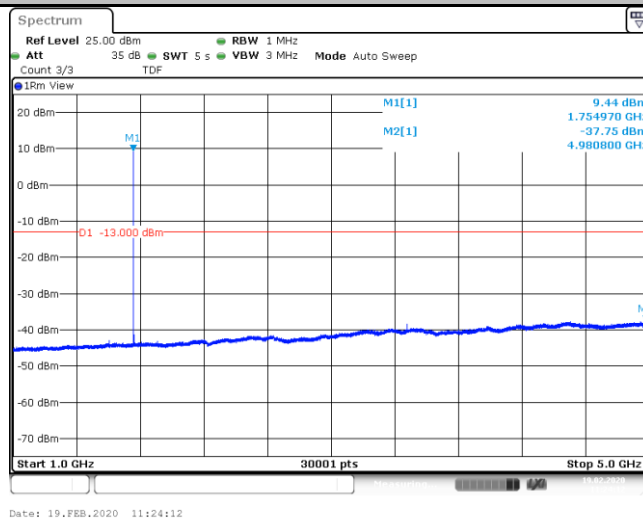


Date: 19.FEB.2020 11:23:22

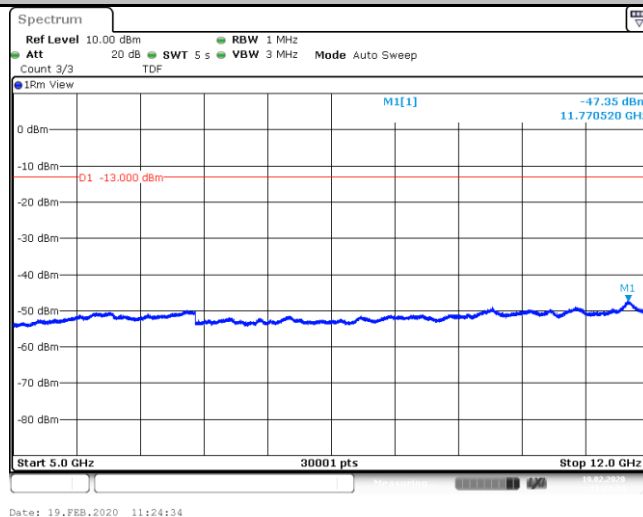
Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@11\_15kHz\_30\_1000\_30~1000MHz@-35.17dBm\_-13\_PASS\_\_



Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@11\_15kHz\_1000\_5000\_1000~5000MHz@-37.75dBm\_-13\_PASS\_\_

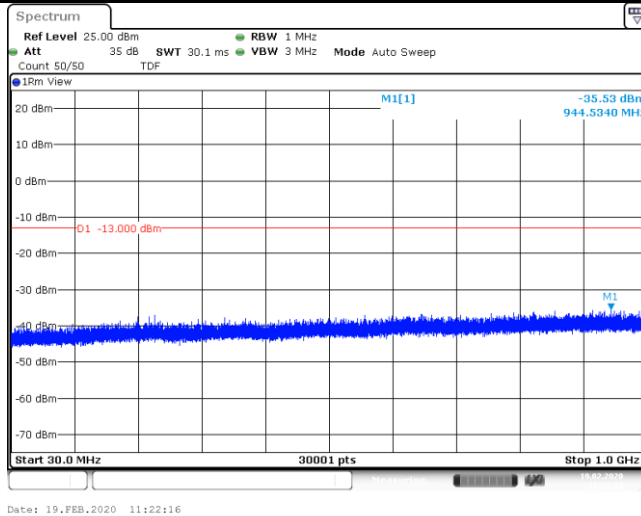


Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@11\_15kHz\_5000\_12000\_5000~12000MHz@-47.35dBm\_-13\_PASS\_\_

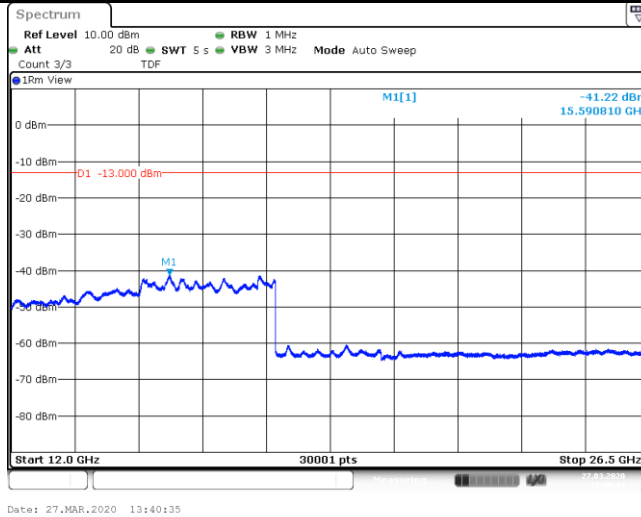




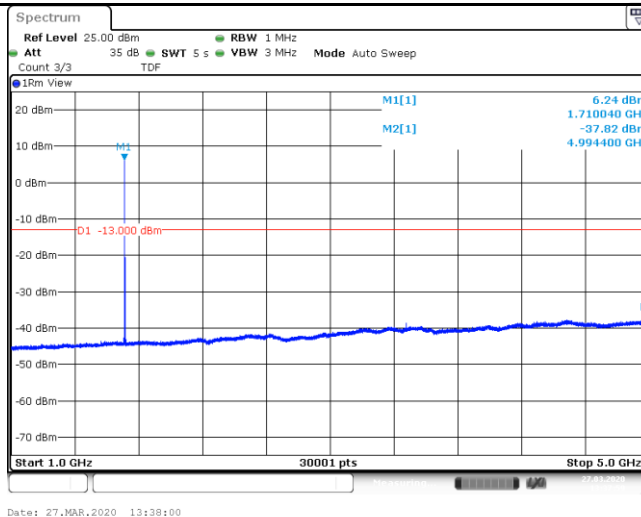
Band4\_Stand-Alone\_NaN\_BPSK\_20399\_1@0\_15kHz\_30\_1000\_30~1000MHz@-35.53dBm\_-13\_PASS\_\_



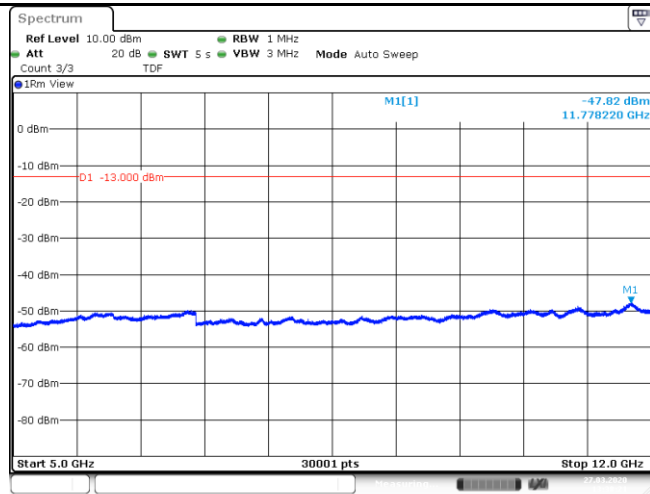
Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@47\_3.75kHz\_12000\_26500\_12000~26500MHz@-41.22dBm\_-13\_PA SS\_\_



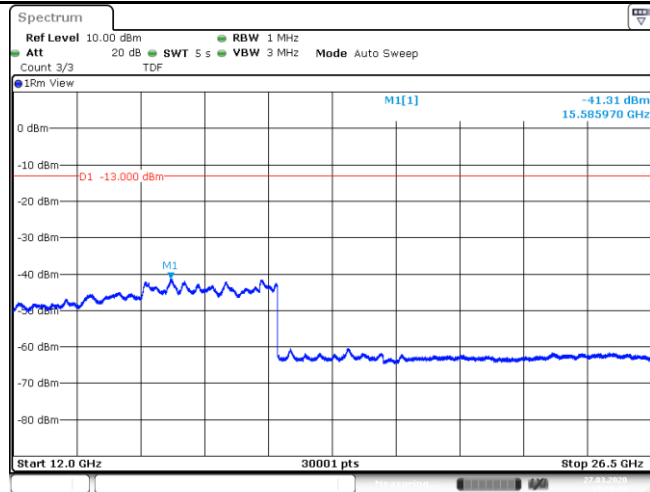
Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@0\_3.75kHz\_1000\_5000\_1000~5000MHz@-37.82dBm\_-13\_PASS\_\_



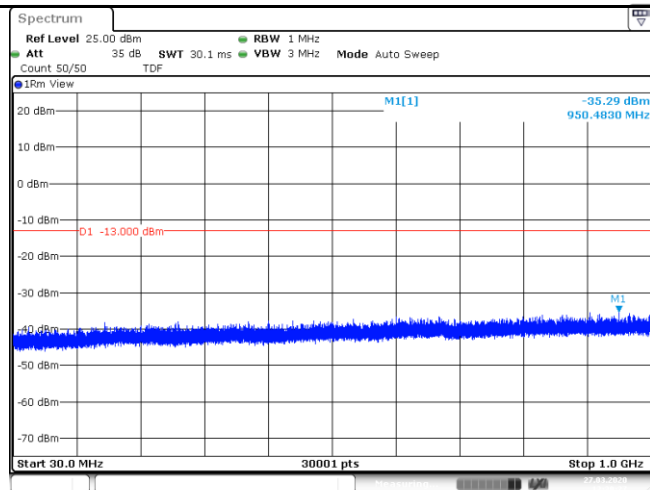
Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@0\_3.75kHz\_5000\_12000\_5000~12000MHz@-47.82dBm\_-13\_PASS\_



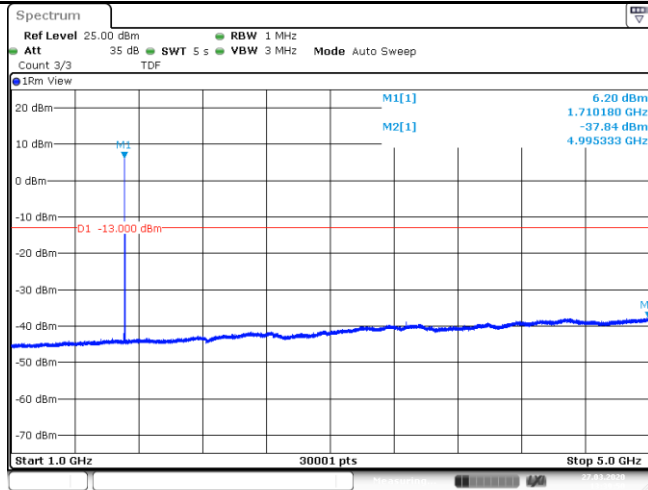
Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@0\_3.75kHz\_12000\_26500\_12000~26500MHz@-41.31dBm\_-13\_PAS  
S\_



Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@47\_3.75kHz\_30\_1000\_30~1000MHz@-35.29dBm\_-13\_PASS\_

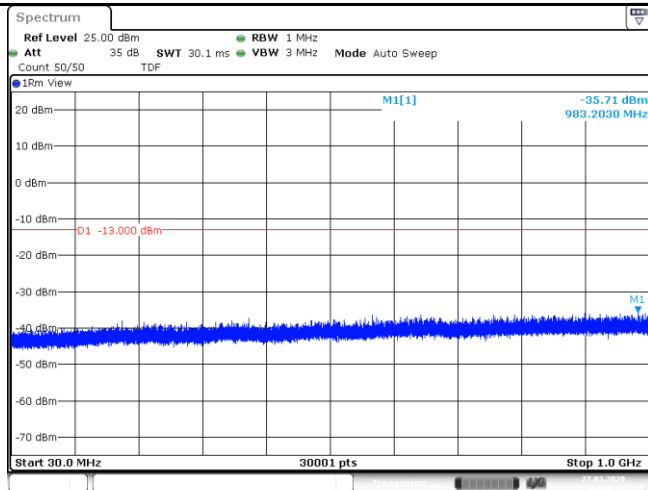


Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@47\_3.75kHz\_1000\_5000\_1000~5000MHz@-37.84dBm\_-13\_PASS\_\_



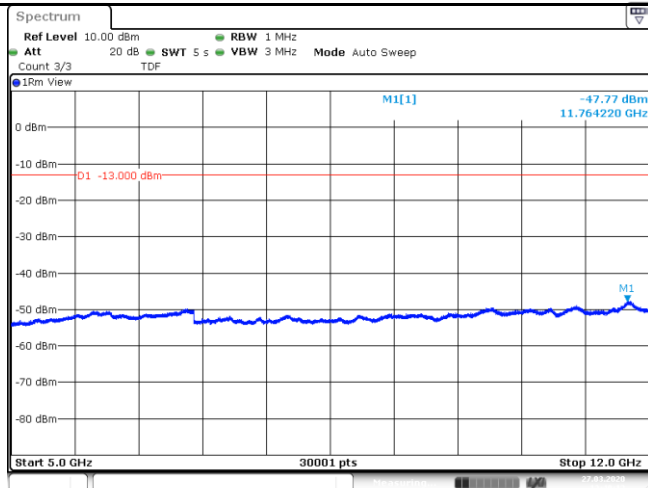
Date: 27.MAR.2020 13:39:51

Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@0\_3.75kHz\_30\_1000\_30~1000MHz@-35.71dBm\_-13\_PASS\_\_



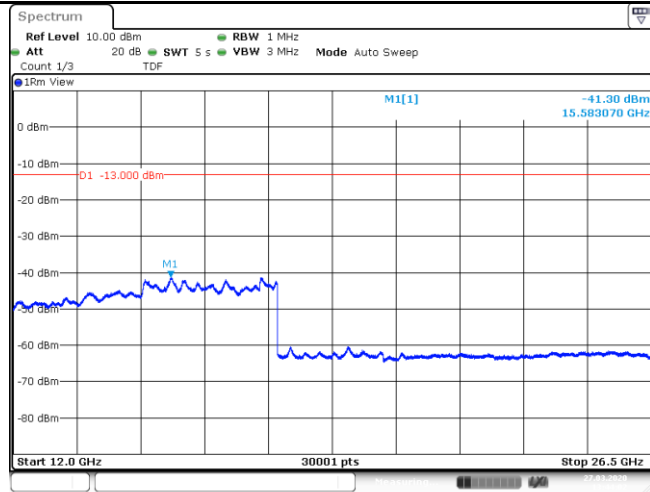
Date: 27.MAR.2020 13:37:37

Band4\_Stand-Alone\_NaN\_QPSK\_19951\_1@47\_3.75kHz\_5000\_12000\_5000~12000MHz@-47.77dBm\_-13\_PASS



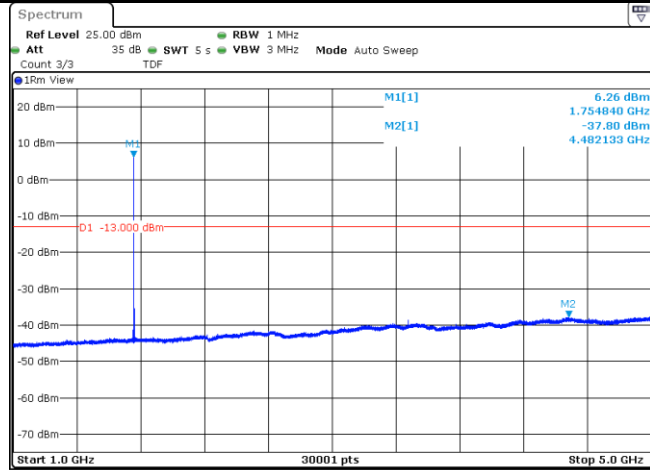
Date: 27.MAR.2020 13:40:13

Band4\_Stand-Alone\_NaN\_QPSK\_20399\_1 @47\_3.75kHz\_12000\_26500\_12000~26500MHz@ -41.3dBm\_-13\_PAS S\_



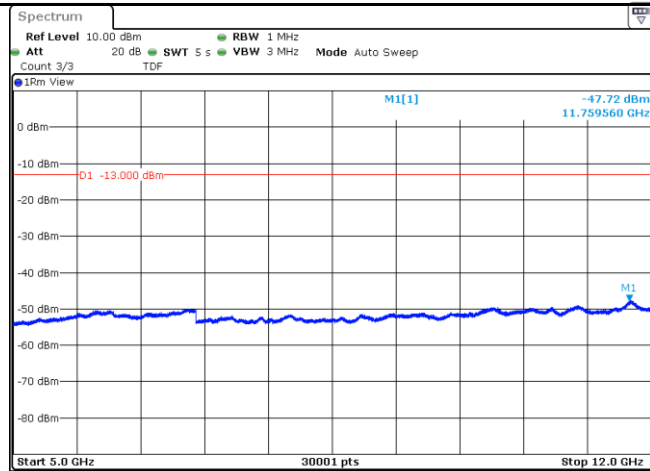
Date: 27.MAR.2020 13:44:02

Band4\_Stand-Alone\_NaN\_QPSK\_20399\_1 @0\_3.75kHz\_1000\_5000\_1000~5000MHz @ -37.8dBm\_-13\_PASS\_



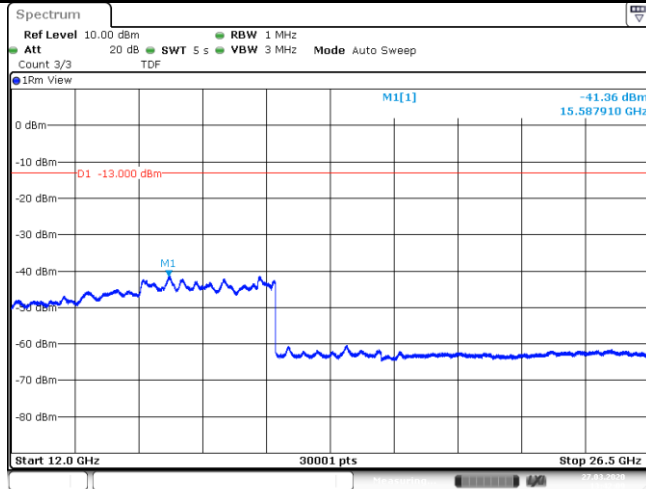
Date: 27.MAR.2020 13:41:25

Band4\_Stand-Alone\_NaN\_QPSK\_20399\_1 @0\_3.75kHz\_5000\_12000\_5000~12000MHz@ -47.72dBm\_-13\_PASS\_



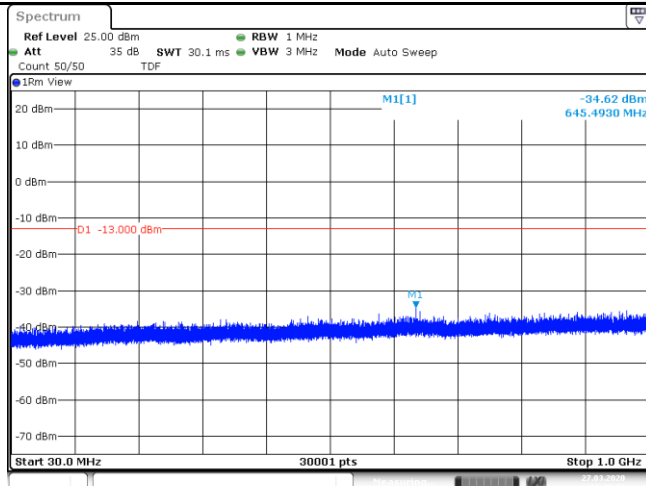
Date: 27.MAR.2020 13:41:47

Band4\_Stand-Alone\_Na\_N\_QPSK\_20399\_1@0\_3.75kHz\_12000\_26500\_12000~26500MHz@-41.36dBm\_-13\_PAS S\_



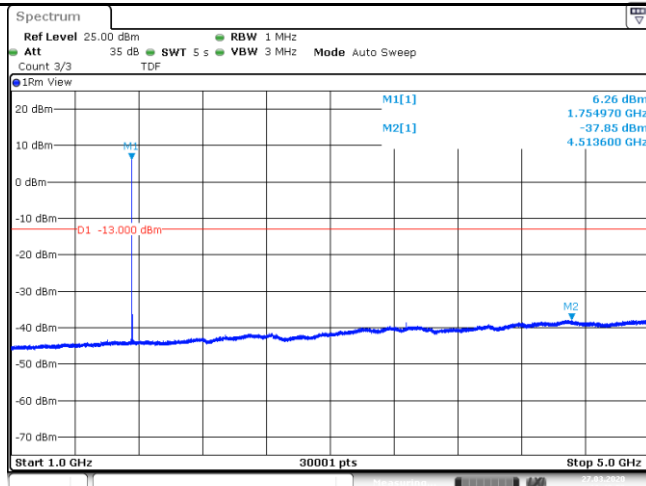
Date: 27.MAR.2020 13:42:09

Band4\_Stand-Alone\_Na\_N\_QPSK\_20399\_1@47\_3.75kHz\_30\_1000\_30~1000MHz@-34.62dBm\_-13\_PASS\_



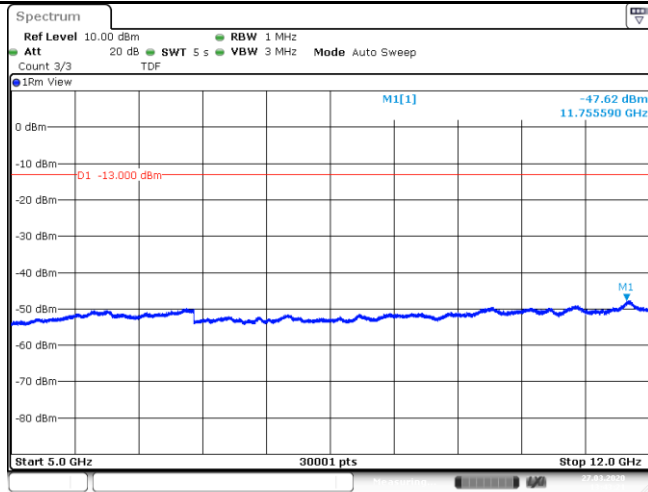
Date: 27.MAR.2020 13:42:37

Band4\_Stand-Alone\_Na\_N\_QPSK\_20399\_1@47\_3.75kHz\_1000\_5000\_1000~5000MHz@-37.85dBm\_-13\_PASS\_



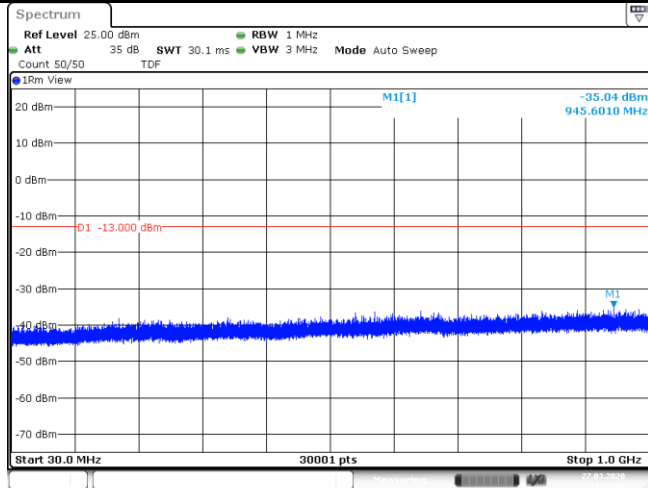
Date: 27.MAR.2020 13:43:00

Band4\_Stand-Alone\_NaN\_QPSK\_20399\_1@47\_3.75kHz\_5000\_12000\_5000~12000MHz@-47.62dBm\_-13\_PASS



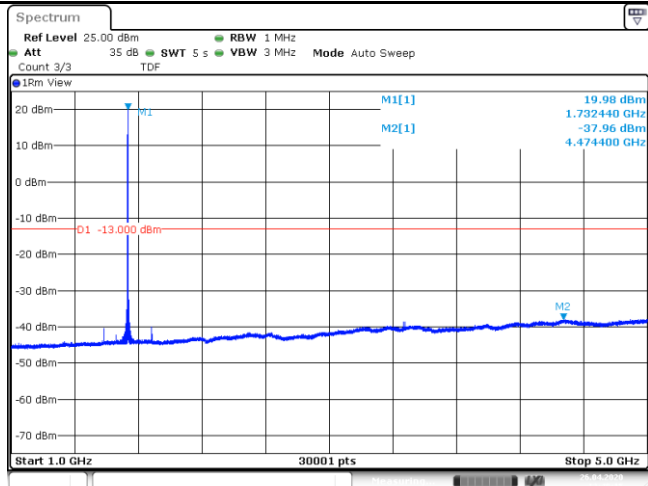
Date: 27.MAR.2020 13:43:22

Band4\_Stand-Alone\_NaN\_QPSK\_20399\_1@0\_3.75kHz\_30\_1000\_30~1000MHz @-35.04dBm\_-13\_PASS



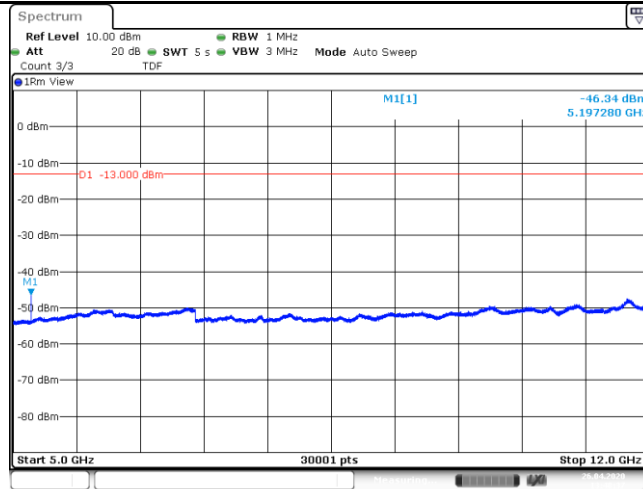
Date: 27.MAR.2020 13:41:02

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@0\_3.75kHz\_1000\_5000\_1000~5000MHz @-37.96dBm\_-13\_PASS



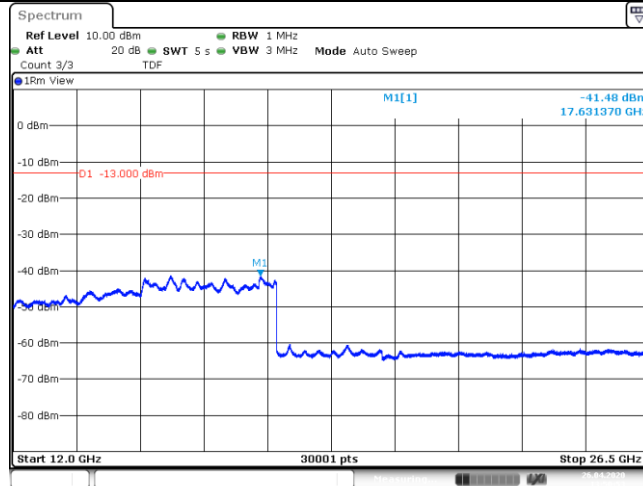
Date: 26.APR.2020 13:48:15

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@0\_3.75kHz\_5000\_12000\_5000~12000MHz@-46.34dBm\_-13\_PASS\_



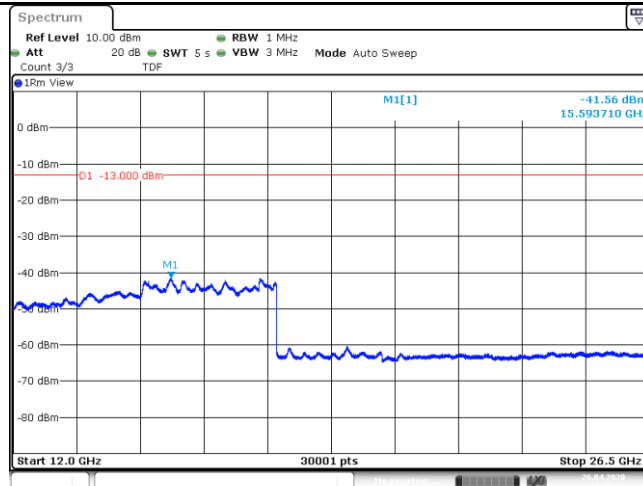
Date: 26.APR.2020 13:48:37

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@47\_3.75kHz\_12000\_26500\_12000~26500MHz@-41.48dBm\_-13\_PA  
SS\_



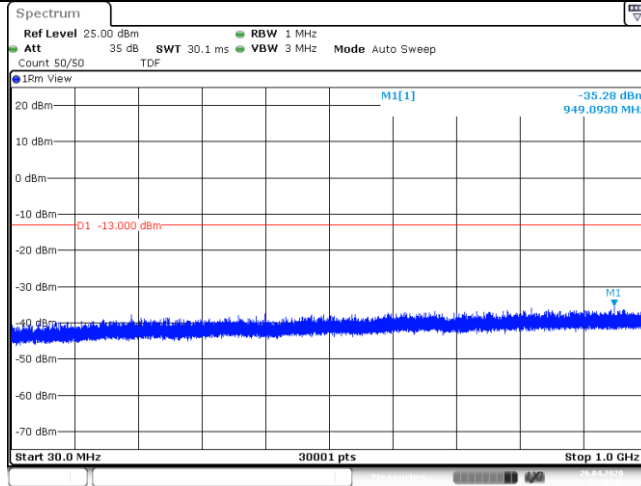
Date: 26.APR.2020 13:50:53

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@0\_3.75kHz\_12000\_26500\_12000~26500MHz@-41.56dBm\_-13\_PAS  
S\_



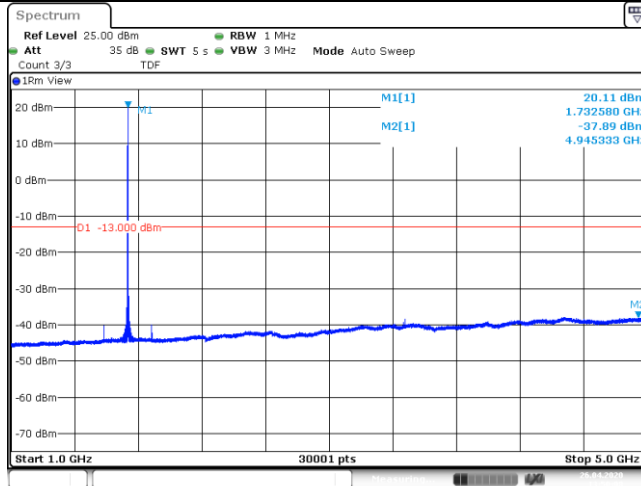
Date: 26.APR.2020 13:48:59

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@47\_3.75kHz\_30\_1000\_30~1000MHz@-35.28dBm\_-13\_PASS\_\_



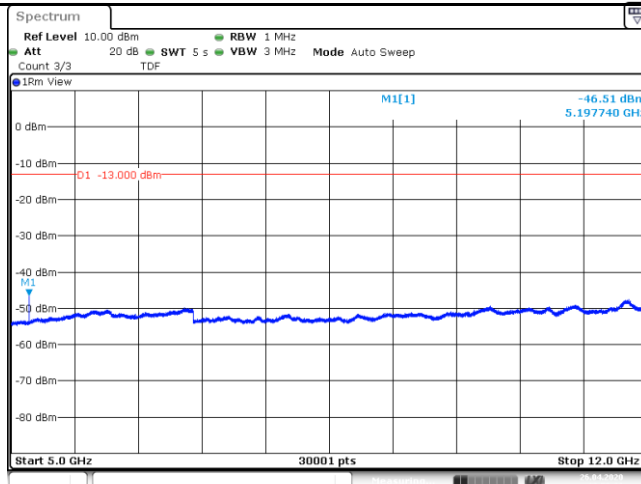
Date: 26.APR.2020 13:49:46

Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@47\_3.75kHz\_1000\_5000\_1000~5000MHz@-37.89dBm\_-13\_PASS\_\_



Date: 26.APR.2020 13:50:09

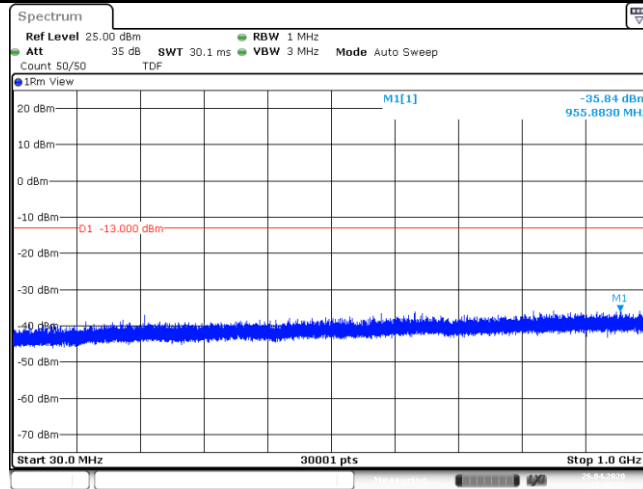
Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1@47\_3.75kHz\_5000\_12000\_5000~12000MHz@-46.51dBm\_-13\_PASS



Date: 26.APR.2020 13:50:31



Band4\_Stand-Alone\_NaN\_QPSK\_20175\_1 @0\_3.75kHz\_30\_1000\_30~1000MHz @-35.84dBm\_-13\_PASS\_\_



Date: 26.APR.2020 13:47:52

## Appendix B.6: Frequency Stability for NB

### Test Result

Voltage												
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	HV	NT	-45.39	-0.026199	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	LV	NT	-45.18	-0.026078	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	NT	-43.09	-0.024872	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	HV	NT	-57.96	-0.033455	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	LV	NT	-47.12	-0.027198	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	NT	-49.94	-0.028825	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@47	3.75kHz	HV	NT	-13.53	-0.007810	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@47	3.75kHz	LV	NT	-14.83	-0.008560	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@47	3.75kHz	NV	NT	-17.48	-0.010089	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	HV	NT	-14.19	-0.008190	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	LV	NT	-13.93	-0.008040	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	NT	-14.96	-0.008635	±2.5	PASS

Temperature												
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	-40	-47.88	-0.027636	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	-30	-47.51	-0.027423	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	-20	-49.52	-0.028583	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	-10	-47.51	-0.027423	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	0	-50.05	-0.028889	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	10	-50.08	-0.028906	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	20	-51.48	-0.029714	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	30	-39.77	-0.022955	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	40	-51.16	-0.029530	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	50	-49.14	-0.028364	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	60	-46.58	-0.026886	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	70	-45.36	-0.026182	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	-40	-43.76	-0.025258	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	85	-45.59	-0.026315	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	85	-48.47	-0.027977	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	-30	-44.25	-0.025541	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	-20	-43.73	-0.025241	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	-10	-40.56	-0.023411	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	0	-45.28	-0.026136	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	10	-38.11	-0.021997	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	20	-45.46	-0.026240	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	30	-44.32	-0.025582	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	40	-53.63	-0.030955	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	50	-62.44	-0.036040	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	60	-39.73	-0.022932	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	70	-42.29	-0.024410	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@11	15kHz	NV	80	-53.70	-0.030996	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	15kHz	NV	80	-49.75	-0.028716	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@47	3.75kHz	NV	-40	-13.46	-0.007769	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	-30	-14.62	-0.008439	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	-20	-11.59	-0.006690	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	-10	-13.39	-0.007729	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	0	-12.86	-0.007423	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	10	-9.01	-0.005201	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	20	-8.91	-0.005143	±2.5	PASS
Band4	Stand-Along	NaN	QPSK	20175	1@0	3.75kHz	NV	30	-12.70	-0.007330	±2.5	PASS

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Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	40	-11.56	-0.006672	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	50	-13.23	-0.007636	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	60	-12.75	-0.007359	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	70	-8.90	-0.005137	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	-40	-10.80	-0.006234	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	85	-10.61	-0.006124	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	85	-10.17	-0.005870	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	-30	-13.09	-0.007556	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	-20	-11.20	-0.006465	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	-10	-13.66	-0.007885	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	0	-12.86	-0.007423	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	10	-13.52	-0.007804	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	20	-11.62	-0.006707	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	30	-11.83	-0.006828	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	40	-11.59	-0.006690	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	50	-12.39	-0.007152	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	60	-12.73	-0.007348	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	70	-11.74	-0.006776	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@47	3.75kHz	NV	80	-9.20	-0.005310	±2.5	PASS
Band4	Stand-Alone	NaN	QPSK	20175	1@0	3.75kHz	NV	80	-7.84	-0.004525	±2.5	PASS

# Appendix C: Test Results of Band 5 for NB-IoT operation

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## Appendix C.1: RF Power Output and Effective (Isotropic) Radiated Power Output Data for NB

### Test Result

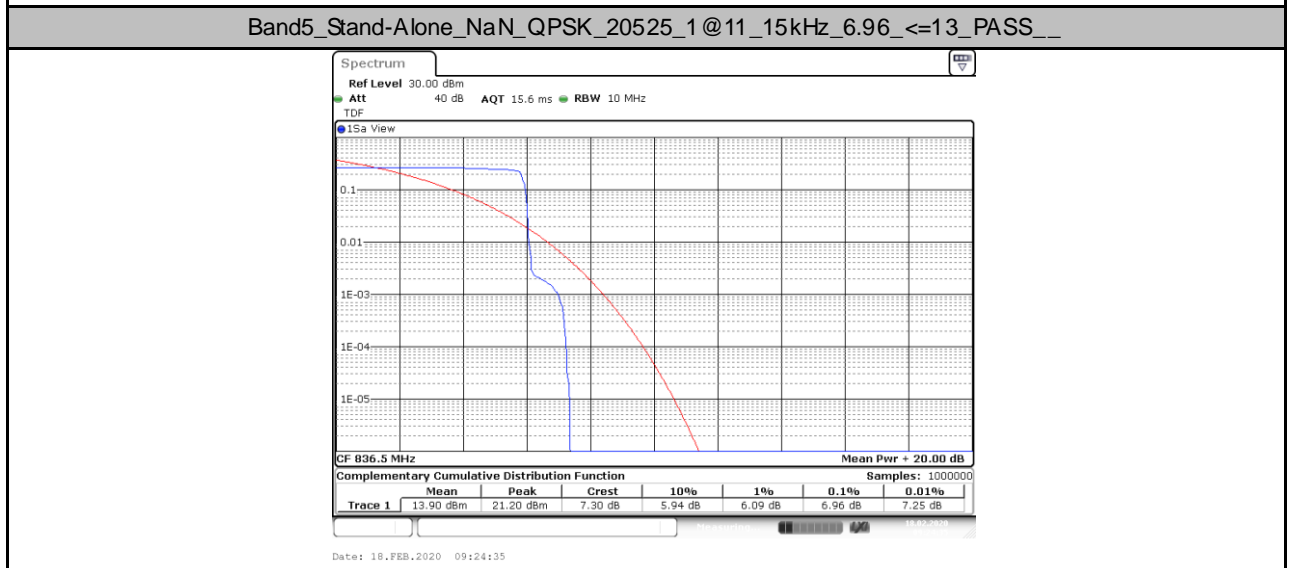
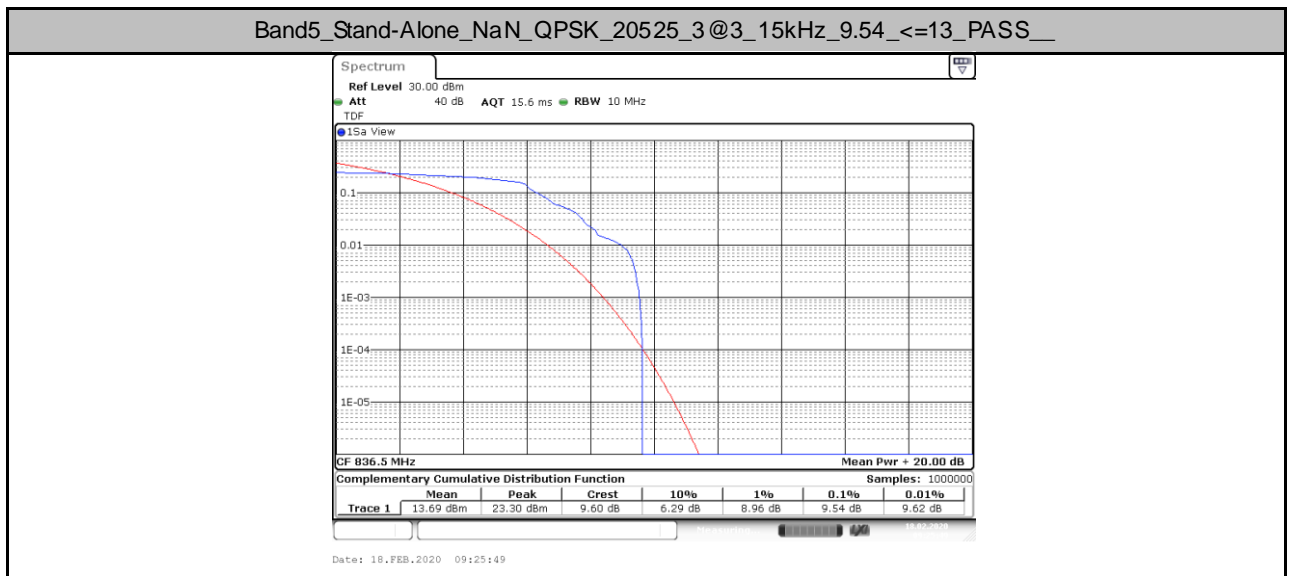
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Result			ERP		Limit (watts)		Verdict
							dBm	dBm	Watts	FCC	ISED			
Band5	Stand-Alone	NaN	QPSK	20401	1@0	15kHz	11.55	11.54	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20401	1@11	15kHz	11.53	11.52	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20401	3@3	15kHz	11.59	11.58	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20402	1@0	15kHz	21.70	21.69	0.148	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20402	3@3	15kHz	24.80	24.79	0.301	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20402	1@11	15kHz	21.64	21.63	0.146	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20525	1@11	15kHz	21.45	21.44	0.139	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20525	1@0	15kHz	21.24	21.23	0.133	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20525	3@3	15kHz	23.13	23.12	0.205	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20648	1@11	15kHz	21.31	21.3	0.135	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20648	1@0	15kHz	21.40	21.39	0.138	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20648	3@3	15kHz	24.70	24.69	0.294	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20649	1@11	15kHz	11.27	11.26	0.013	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20649	3@3	15kHz	11.40	11.39	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20649	1@0	15kHz	11.38	11.37	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	11.39	11.38	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20401	3@3	15kHz	11.60	11.59	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	11.33	11.32	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20402	1@11	15kHz	21.60	21.59	0.144	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20402	1@0	15kHz	21.70	21.69	0.148	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20402	3@3	15kHz	22.03	22.02	0.159	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	23.02	23.01	0.200	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	21.43	21.42	0.139	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20525	3@3	15kHz	23.14	23.13	0.206	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20648	1@11	15kHz	21.24	21.23	0.133	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20648	1@0	15kHz	21.21	21.2	0.132	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20648	3@3	15kHz	21.55	21.54	0.143	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	11.14	11.13	0.013	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20649	3@3	15kHz	11.39	11.38	0.014	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	11.15	11.14	0.013	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	6.71	6.7	0.005	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	6.74	6.73	0.005	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20402	1@0	3.75kHz	24.64	24.63	0.290	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20402	1@47	3.75kHz	24.57	24.56	0.286	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20648	1@0	3.75kHz	24.44	24.43	0.277	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20648	1@47	3.75kHz	24.41	24.4	0.275	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	6.50	6.49	0.004	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	6.55	6.54	0.005	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20401	1@47	3.75kHz	6.64	6.63	0.005	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20401	1@0	3.75kHz	6.65	6.64	0.005	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20402	1@0	3.75kHz	24.51	24.5	0.282	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20402	1@47	3.75kHz	24.47	24.46	0.279	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20648	1@0	3.75kHz	24.34	24.33	0.271	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20648	1@47	3.75kHz	24.34	24.33	0.271	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20649	1@47	3.75kHz	6.41	6.4	0.004	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20649	1@0	3.75kHz	6.44	6.43	0.004	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	24.63	24.62	0.290	7	11.5	PASS		
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	24.62	24.61	0.289	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20525	1@0	3.75kHz	24.59	24.58	0.287	7	11.5	PASS		
Band5	Stand-Alone	NaN	BPSK	20525	1@47	3.75kHz	24.56	24.55	0.285	7	11.5	PASS		

## Appendix C.2: Peak-to-Average Ratio (CCDF) for NB

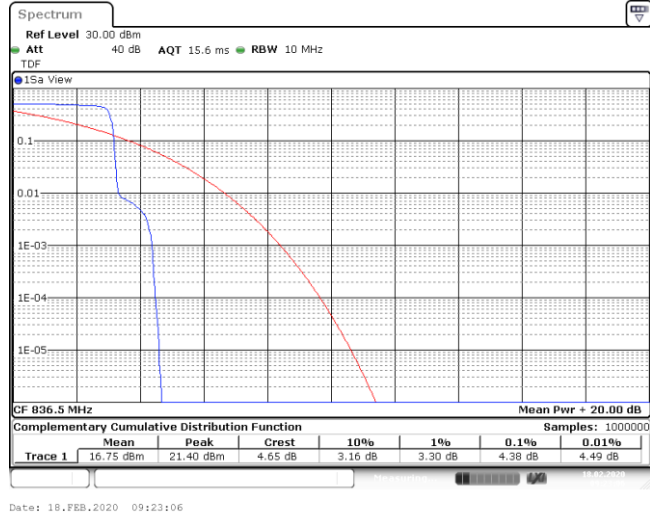
### Test Result

Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Result (dB)	Limit (dB)	Verdict
Band5	Stand-Alone	NaN	QPSK	20525	3@3	15kHz	9.54	<=13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@11	15kHz	6.96	<=13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	15kHz	4.38	<=13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	3@3	15kHz	9.54	<=13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	3.59	<=13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	8.55	<=13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	3.22	<=13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	1.8	<=13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@47	3.75kHz	3.83	<=13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	3.75kHz	3.3	<=13	PASS

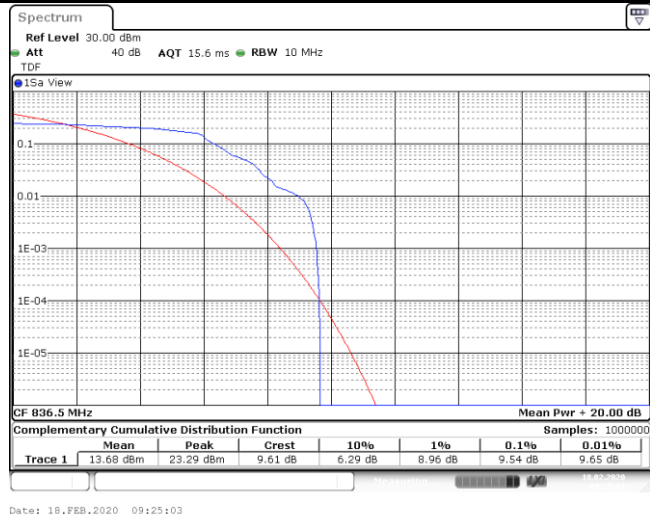
### Test Graphs



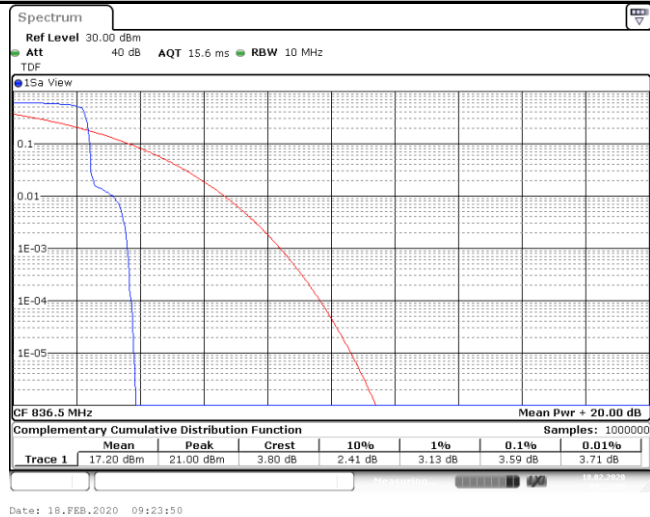
Band5\_Stand-Alone\_NaN\_QPSK\_20525\_1@0\_15kHz\_4.38\_<=13\_PASS\_\_



Band5\_Stand-Alone\_NaN\_BPSK\_20525\_3@3\_15kHz\_9.54\_<=13\_PASS\_\_

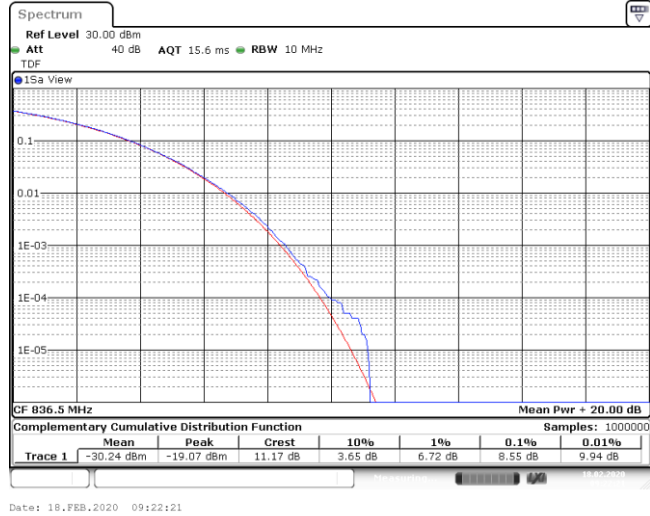


Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@11\_15kHz\_3.59\_<=13\_PASS\_\_

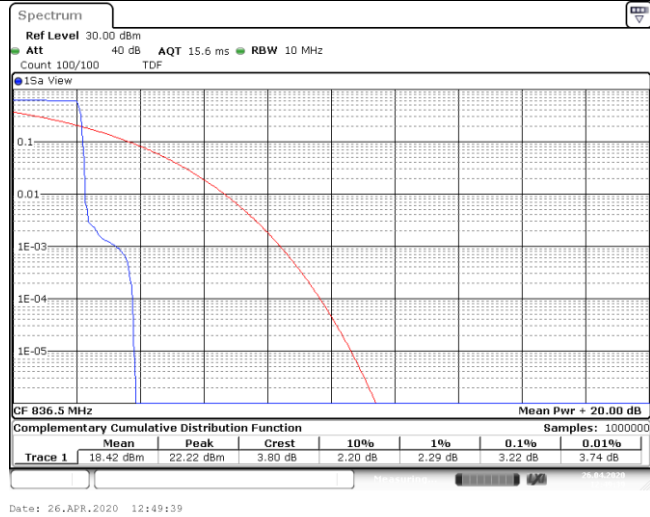




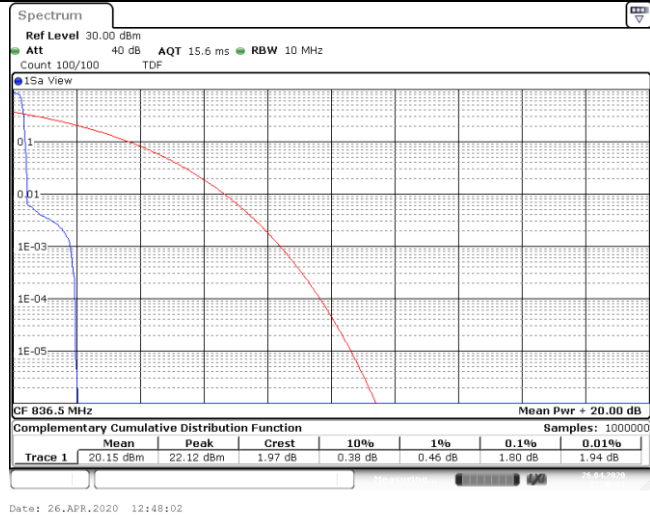
Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@0\_15kHz\_8.55\_<=13\_PASS\_\_



Band5\_Stand-Alone\_NaN\_QPSK\_20525\_1@47\_3.75kHz\_3.22\_<=13\_PASS\_\_

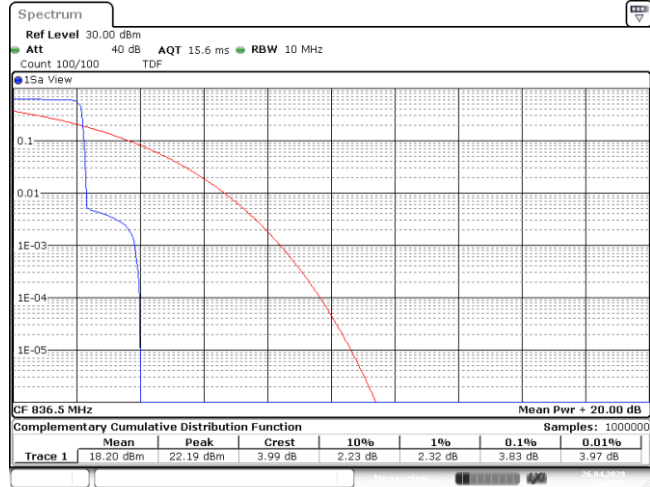


Band5\_Stand-Alone\_NaN\_QPSK\_20525\_1@0\_3.75kHz\_1.8\_<=13\_PASS\_\_

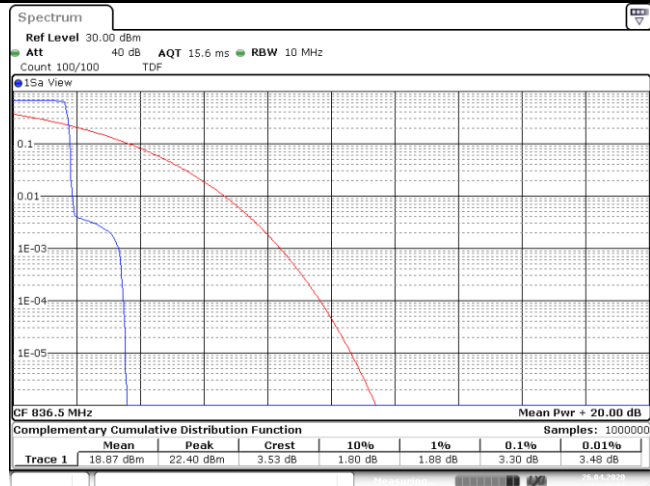




Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@47\_3.75kHz\_3.83\_<=13\_PASS\_\_



Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@0\_3.75kHz\_3.3\_<=13\_PASS\_\_

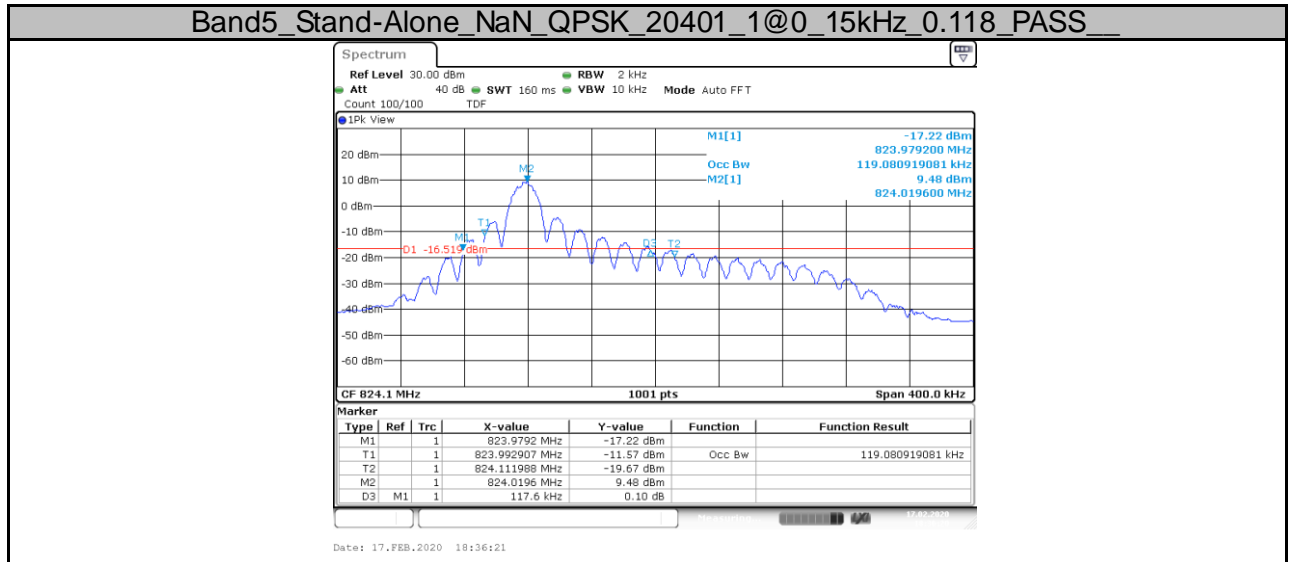


## Appendix C.3: 26dB Emission Bandwidth and Occupied Bandwidth for NB

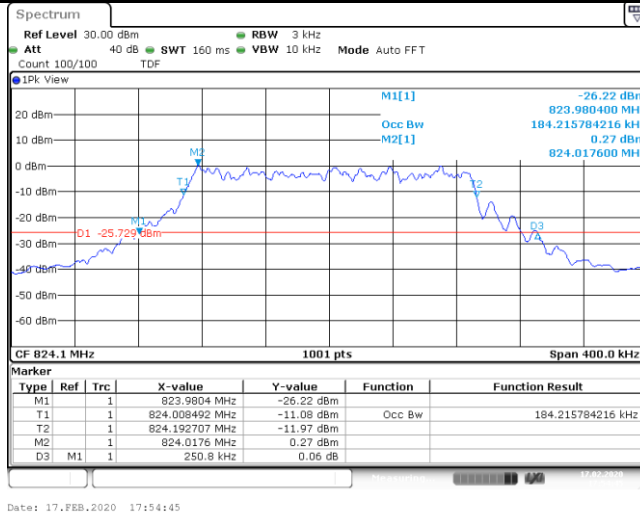
### Test Result

Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	26dB Bandwidth (MHz)	Occupied Bandwidth (MHz)	Verdict
Band5	Stand-Alone	NaN	QPSK	20401	1@0	15kHz	0.118	0.119	Pass
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	0.251	0.184	Pass
Band5	Stand-Alone	NaN	QPSK	20525	1@0	15kHz	0.118	0.119	Pass
Band5	Stand-Alone	NaN	QPSK	20525	12@0	15kHz	0.250	0.184	Pass
Band5	Stand-Alone	NaN	QPSK	20649	1@0	15kHz	0.118	0.119	Pass
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	0.251	0.184	Pass
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	0.104	0.127	Pass
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	0.106	0.127	Pass
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	0.104	0.127	Pass
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	0.038	0.052	Pass
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	0.037	0.052	Pass
Band5	Stand-Alone	NaN	BPSK	20401	1@0	3.75kHz	0.034	0.055	Pass
Band5	Stand-Alone	NaN	BPSK	20649	1@0	3.75kHz	0.034	0.055	Pass
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	0.037	0.049	Pass
Band5	Stand-Alone	NaN	BPSK	20525	1@0	3.75kHz	0.032	0.054	Pass

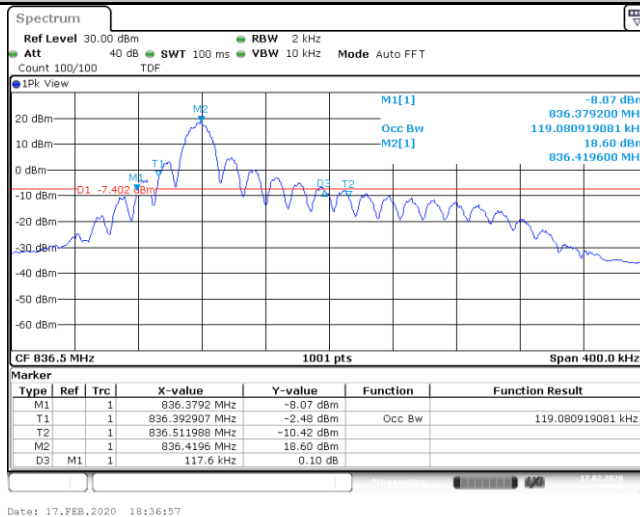
### Test Graphs



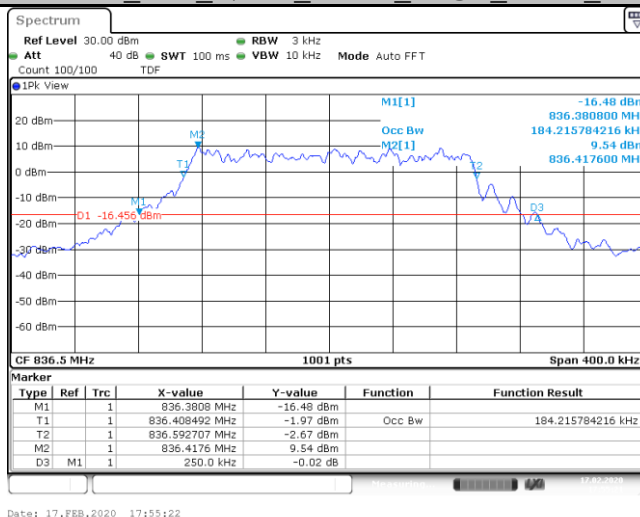
Band5\_Stand-Alone\_NaN\_QPSK\_20401\_12@0\_15kHz\_0.251\_PASS



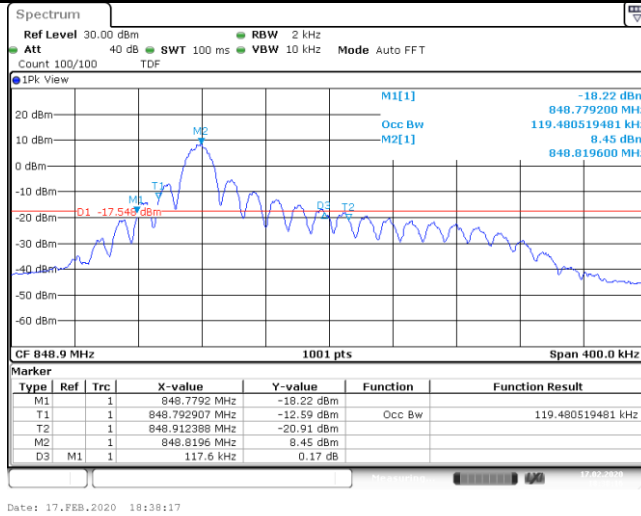
Band5\_Stand-Alone\_NaN\_QPSK\_20525\_1@0\_15kHz\_0.118\_PASS



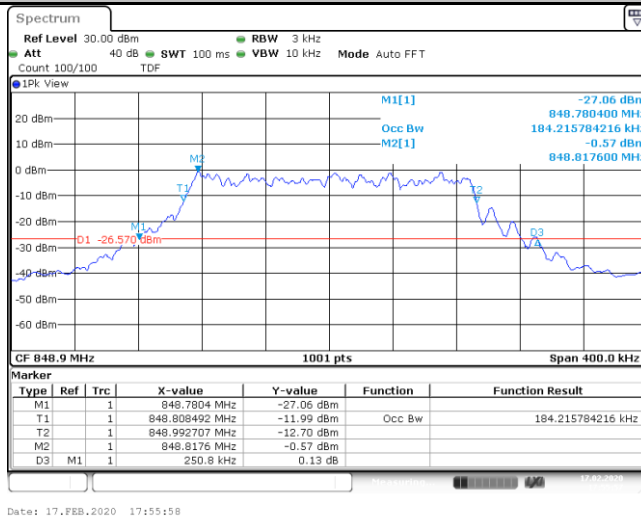
Band5\_Stand-Alone\_NaN\_QPSK\_20525\_12@0\_15kHz\_0.250\_PASS



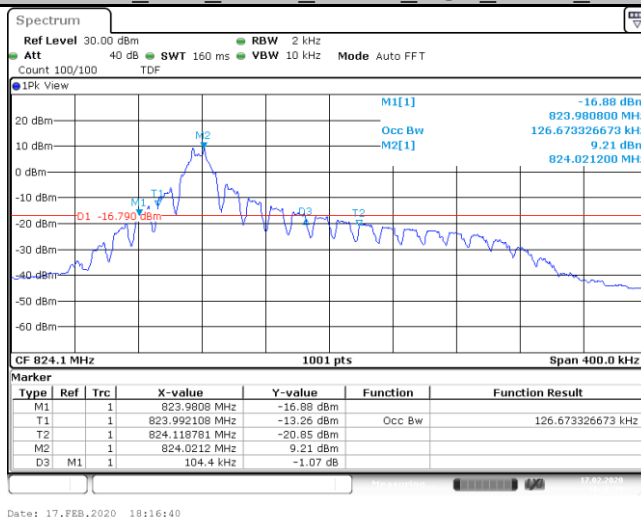
Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@0\_15kHz\_0.118\_PASS



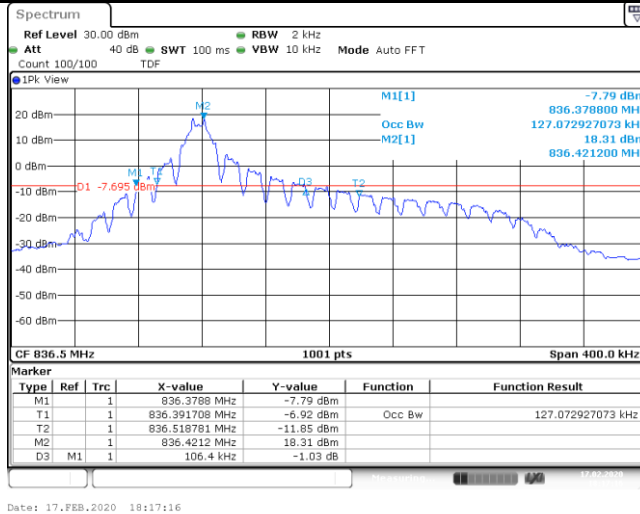
Band5\_Stand-Alone\_NaN\_QPSK\_20649\_12@0\_15kHz\_0.251\_PASS



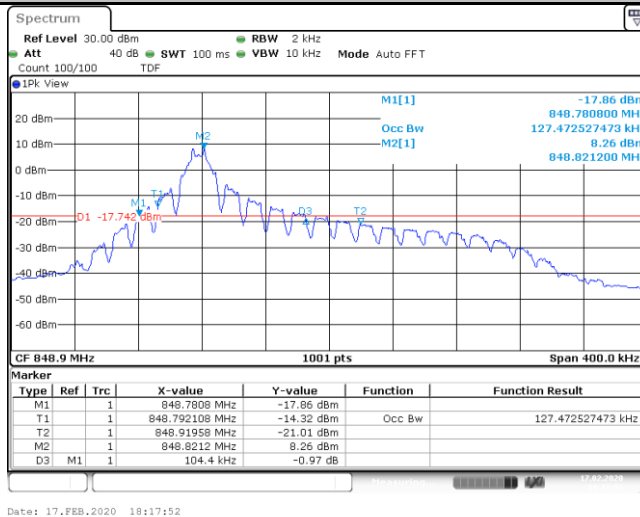
Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_0.104\_PASS



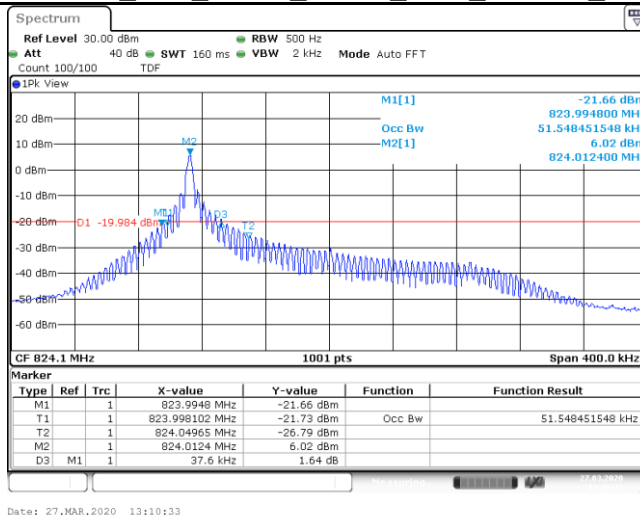
Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@0\_15kHz\_0.106\_PASS



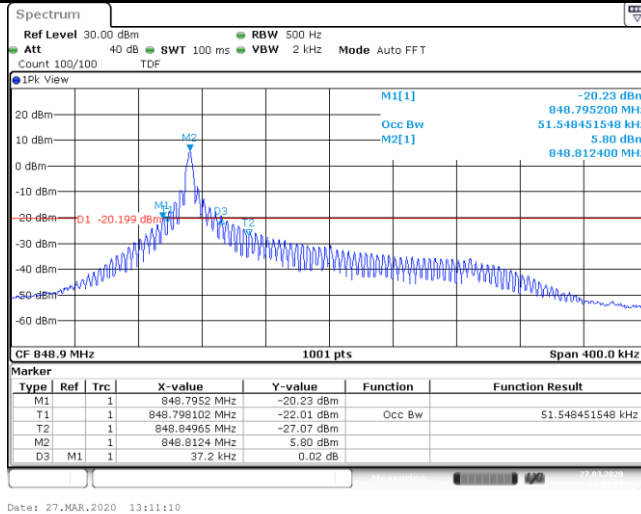
Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@0\_15kHz\_0.104\_PASS



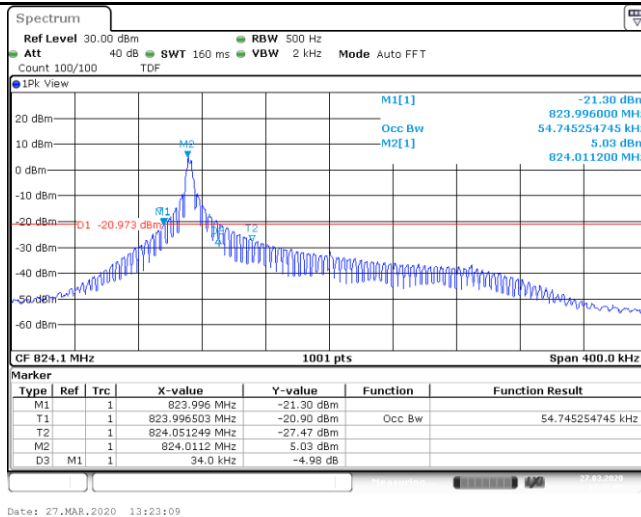
Band5\_Stand-Alone\_NaN\_QPSK\_20401\_1@0\_3.75kHz\_0.038\_PASS



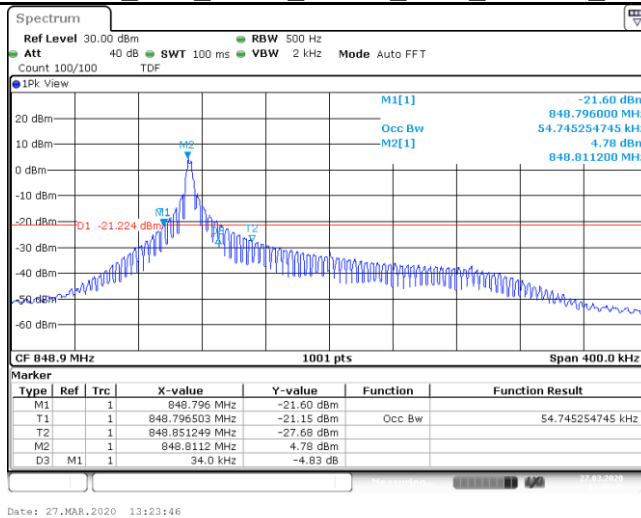
Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@0\_3.75kHz\_0.037\_PASS



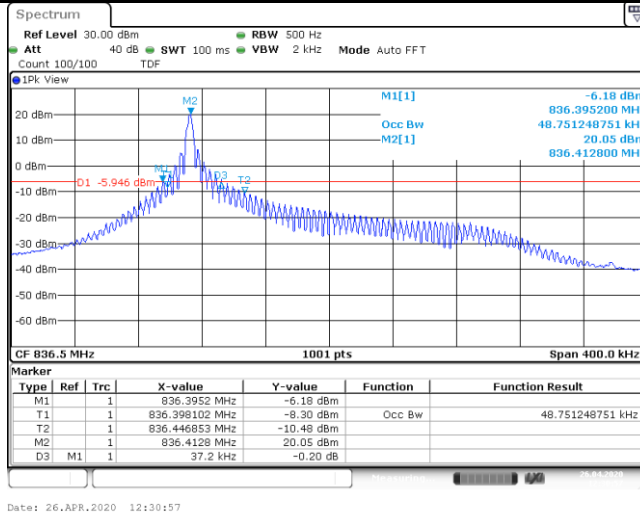
Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_3.75kHz\_0.034\_PASS



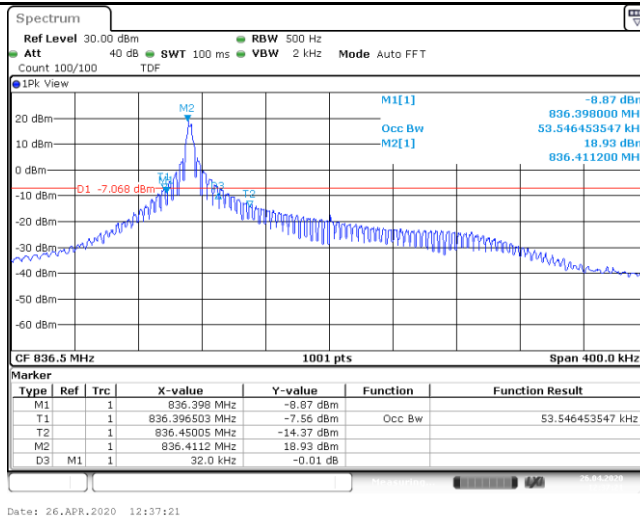
Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@0\_3.75kHz\_0.034\_PASS



Band5\_Stand-Alone\_NaN\_QPSK\_20525\_1@0\_3.75kHz\_0.037\_PASS



Band5\_Stand-Alone\_NaN\_BPSK\_20525\_1@0\_3.75kHz\_0.032\_PASS

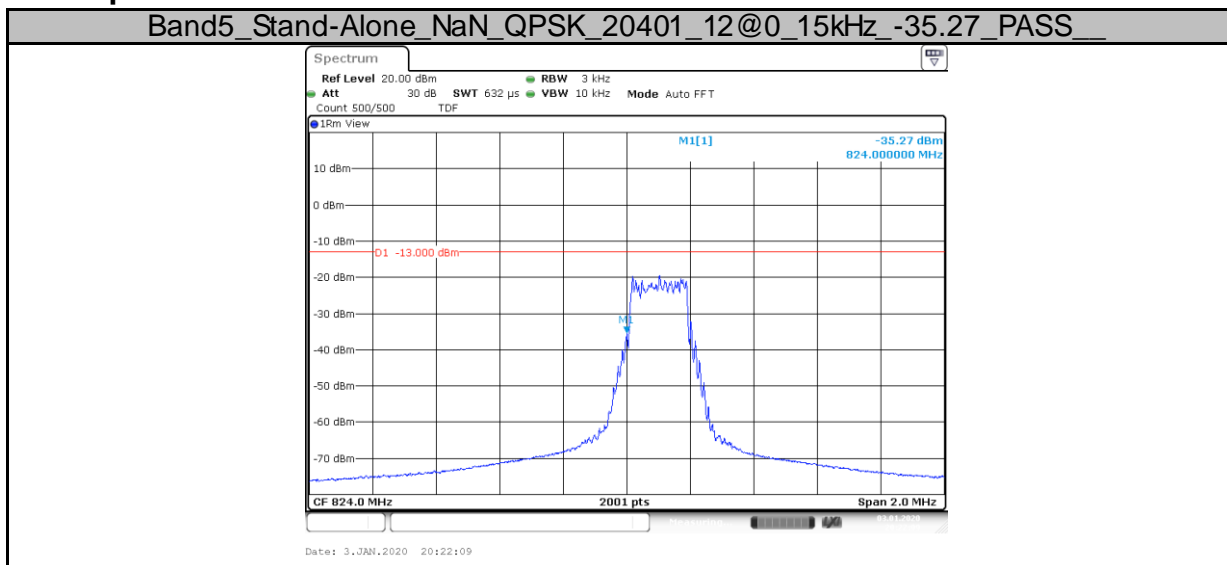


## Appendix C.4: Band Edge for NB

### Test Result

Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	Result (dBm)	Limit (dBm)	Verdict
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	-35.27	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@11	15kHz	-37.10	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	15kHz	-18.83	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	-32.73	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@11	15kHz	-19.24	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	15kHz	-38.05	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	-35.50	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	-16.37	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	-77.30	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	-36.67	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	-48.61	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	-27.15	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	-26.98	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	-48.27	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@47	3.75kHz	-47.47	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	3.75kHz	-25.74	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@47	3.75kHz	-25.70	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	3.75kHz	-47.12	-13	PASS

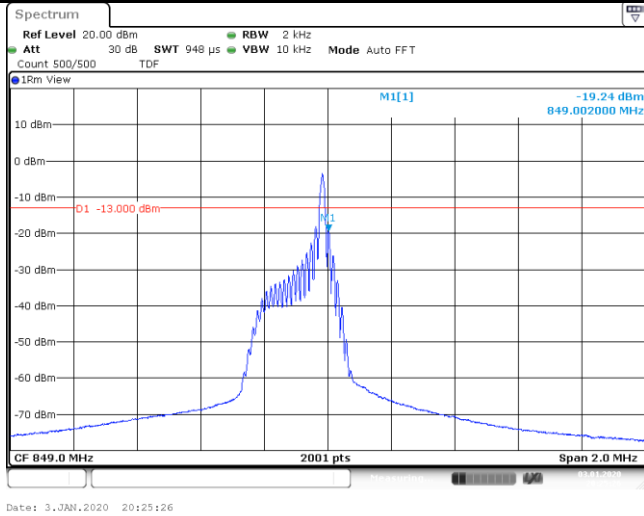
### Test Graphs





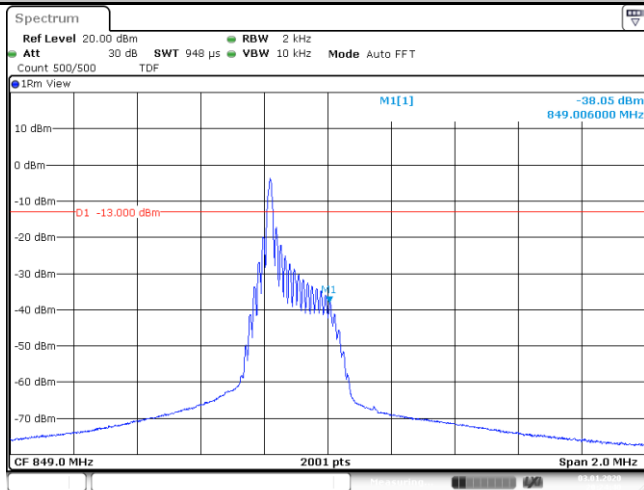


Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@11\_15kHz\_-19.24\_PASS



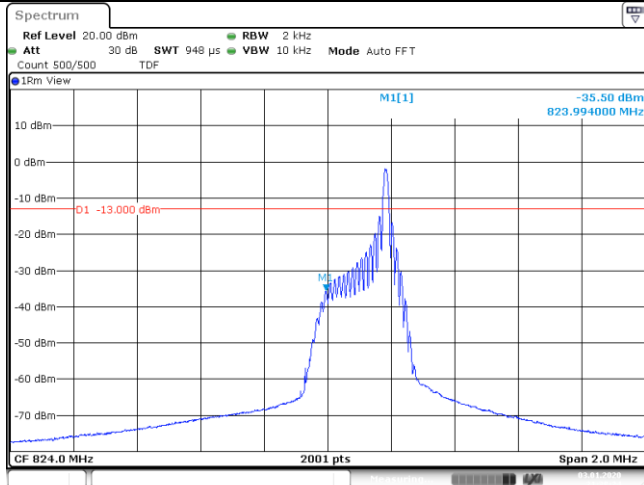
Date: 3.JAN.2020 20:23:26

Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@0\_15kHz\_-38.05\_PASS



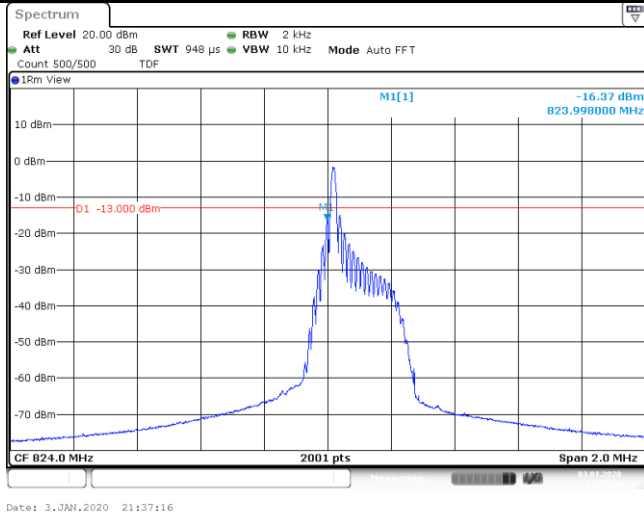
Date: 3.JAN.2020 20:24:40

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@11\_15kHz\_-35.50\_PASS



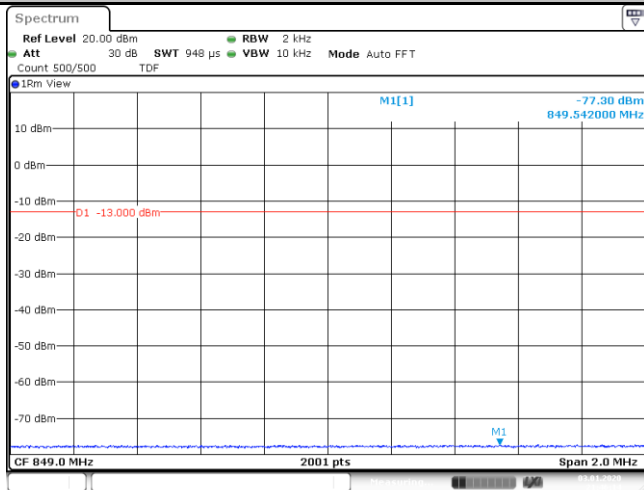
Date: 3.JAN.2020 21:38:24

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_-16.37\_PASS



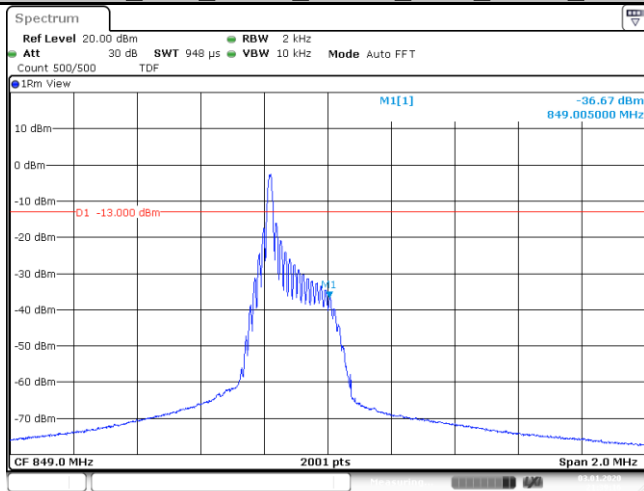
Date: 3.JAN.2020 21:37:16

Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@11\_15kHz\_-77.30\_PASS



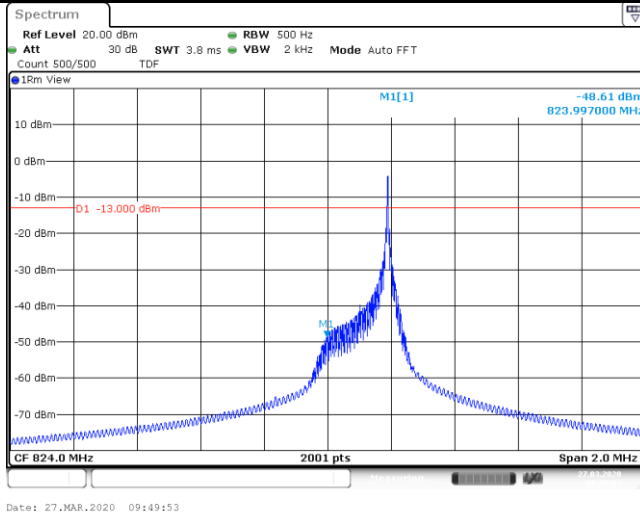
Date: 3.JAN.2020 21:46:13

Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@0\_15kHz\_-36.67\_PASS

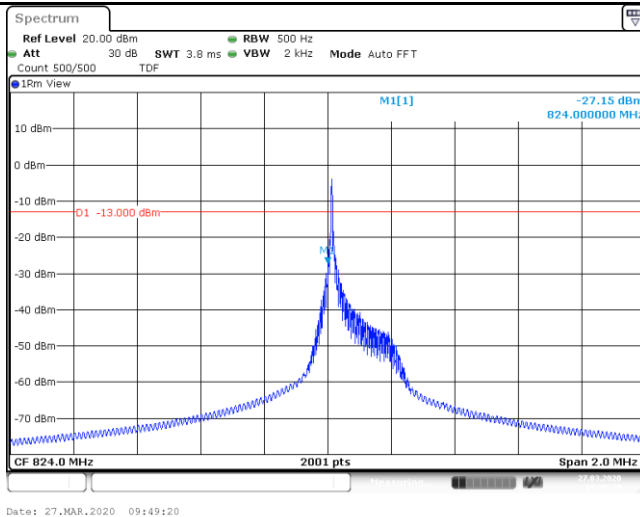


Date: 3.JAN.2020 21:39:16

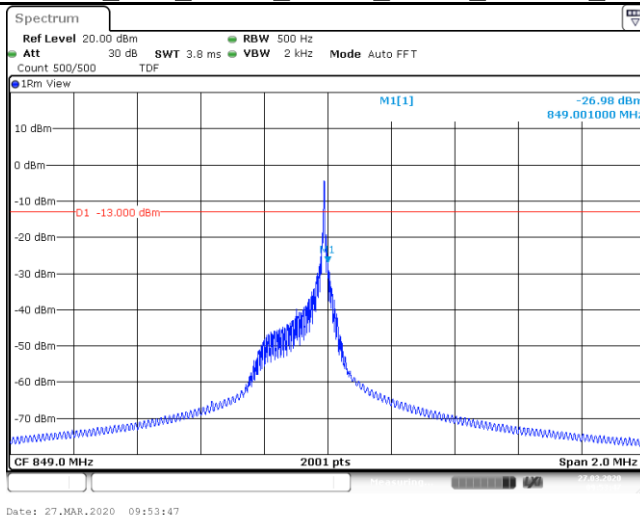
Band5\_Stand-Alone\_NaN\_QPSK\_20401\_1@47\_3.75kHz\_-48.61\_PASS\_



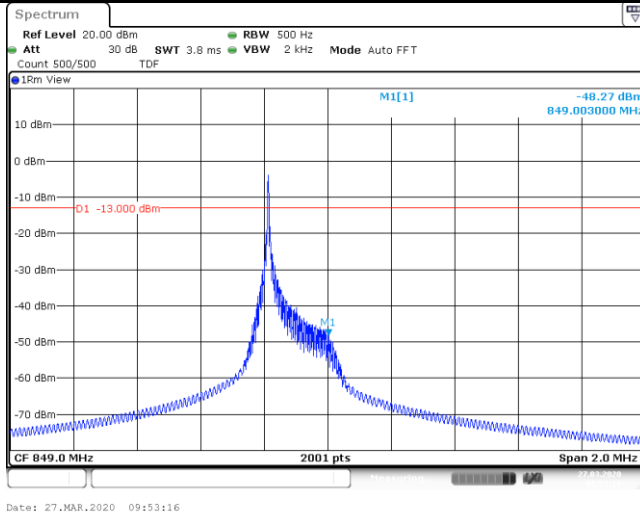
Band5\_Stand-Alone\_NaN\_QPSK\_20401\_1@0\_3.75kHz\_-27.15\_PASS\_



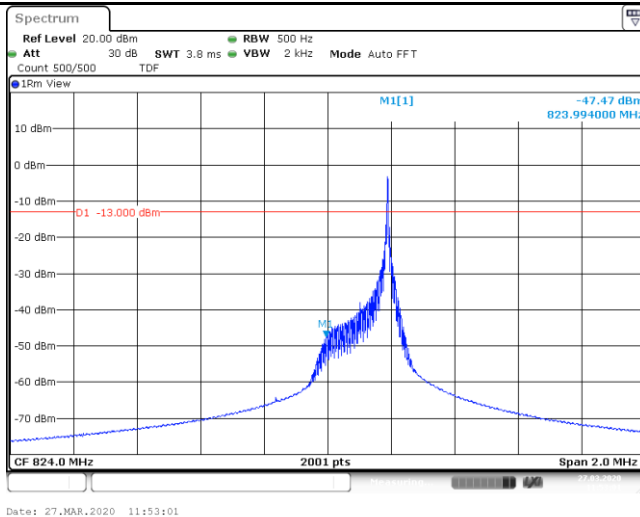
Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@47\_3.75kHz\_-26.98\_PASS\_



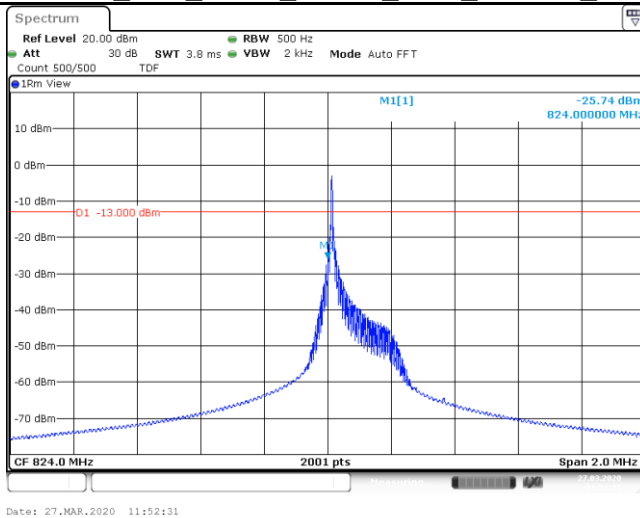
Band5\_Stand-Alone\_NaN\_QPSK\_20649\_1@0\_3.75kHz\_-48.27\_PASS\_\_



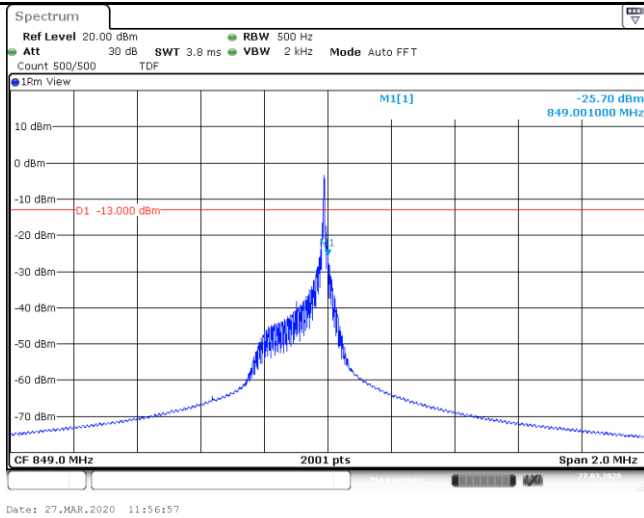
Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@47\_3.75kHz\_-47.47\_PASS\_\_



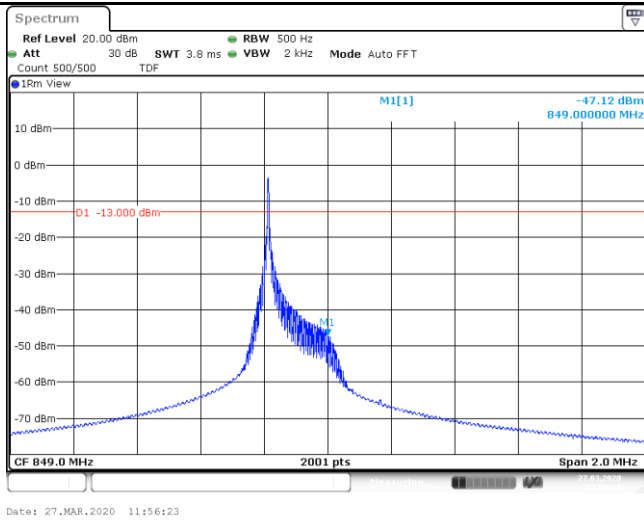
Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_3.75kHz\_-25.74\_PASS\_\_



Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@47\_3.75kHz\_-25.70\_PASS\_



Band5\_Stand-Alone\_NaN\_BPSK\_20649\_1@0\_3.75kHz\_-47.12\_PASS\_



## Appendix C.5: Conducted Spurious Emission for NB

### Test Result

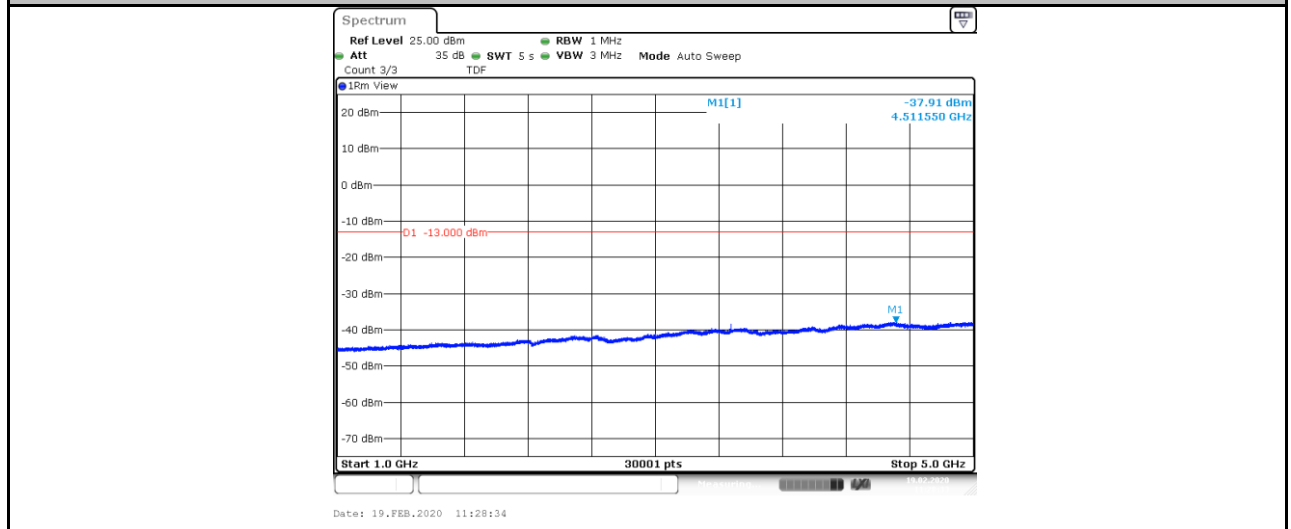
Band	OpMode	Bandwidth	Modulation	Channel	Tones	SCS	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	1000	5000	1000-5000MHz@-37.91dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	5000	12000	5000-12000MHz@-47.42dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	12000	26500	12000-26500MHz@-41.14dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	12@0	15kHz	30	1000	30-1000MHz@-36.36dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	12@0	15kHz	30	1000	30-1000MHz@-35.59dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	12@0	15kHz	1000	5000	1000-5000MHz@-37.81dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	12@0	15kHz	5000	12000	5000-12000MHz@-47.38dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	12@0	15kHz	12000	26500	12000-26500MHz@-41.31dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	30	1000	30-1000MHz@-35.51dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	12000	26500	12000-26500MHz@-41.37dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	1000	5000	1000-5000MHz@-37.81dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	12@0	15kHz	5000	12000	5000-12000MHz@-47.37dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	1000	5000	1000-5000MHz@-37.72dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	30	1000	30-1000MHz@-35.44dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	1000	5000	1000-5000MHz@-37.58dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	5000	12000	5000-12000MHz@-47.38dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@0	15kHz	12000	26500	12000-26500MHz@-41.32dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	5000	12000	5000-12000MHz@-47.28dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	12000	26500	12000-26500MHz@-41.43dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20401	1@11	15kHz	30	1000	30-1000MHz@-34.8dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	5000	12000	5000-12000MHz@-47.28dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	12000	26500	12000-26500MHz@-41.17dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	1000	5000	1000-5000MHz@-37.73dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@11	15kHz	30	1000	30-1000MHz@-36.02dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	12000	26500	12000-26500MHz@-41.38dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	5000	12000	5000-12000MHz@-47.26dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	1000	5000	1000-5000MHz@-37.79dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20525	1@0	15kHz	30	1000	30-1000MHz@-34.81dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	12000	26500	12000-26500MHz@-41.31dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	1000	5000	1000-5000MHz@-37.73dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	5000	12000	5000-12000MHz@-47.31dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	12000	26500	12000-26500MHz@-41.18dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	30	1000	30-1000MHz@-35.58dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	1000	5000	1000-5000MHz@-37.79dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@11	15kHz	5000	12000	5000-12000MHz@-47.19dBm	-13	PASS
Band5	Stand-Alone	NaN	BPSK	20649	1@0	15kHz	30	1000	30-1000MHz@-35.8dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	12000	26500	12000-26500MHz@-41.45dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	1000	5000	1000-5000MHz@-37.63dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	5000	12000	5000-12000MHz@-47.83dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	12000	26500	12000-26500MHz@-41.32dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	30	1000	30-1000MHz@-34.94dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	1000	5000	1000-5000MHz@-37.79dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@0	3.75kHz	30	1000	30-1000MHz@-35.8dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20401	1@47	3.75kHz	5000	12000	5000-12000MHz@-47.61dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	12000	26500	12000-26500MHz@-41.39dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	1000	5000	1000-5000MHz@-37.74dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	5000	12000	5000-12000MHz@-47.73dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	12000	26500	12000-26500MHz@-41.13dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	30	1000	30-1000MHz@-35.3dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	1000	5000	1000-5000MHz@-37.73dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@47	3.75kHz	5000	12000	5000-12000MHz@-47.78dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20649	1@0	3.75kHz	30	1000	30-1000MHz@-35.83dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	1000	5000	1000-5000MHz@-37.81dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	5000	12000	5000-12000MHz@-47.57dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	12000	26500	12000-26500MHz@-41.35dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	12000	26500	12000-26500MHz@-41.54dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	30	1000	30-1000MHz@-35.53dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	1000	5000	1000-5000MHz@-37.83dBm	-13	PASS

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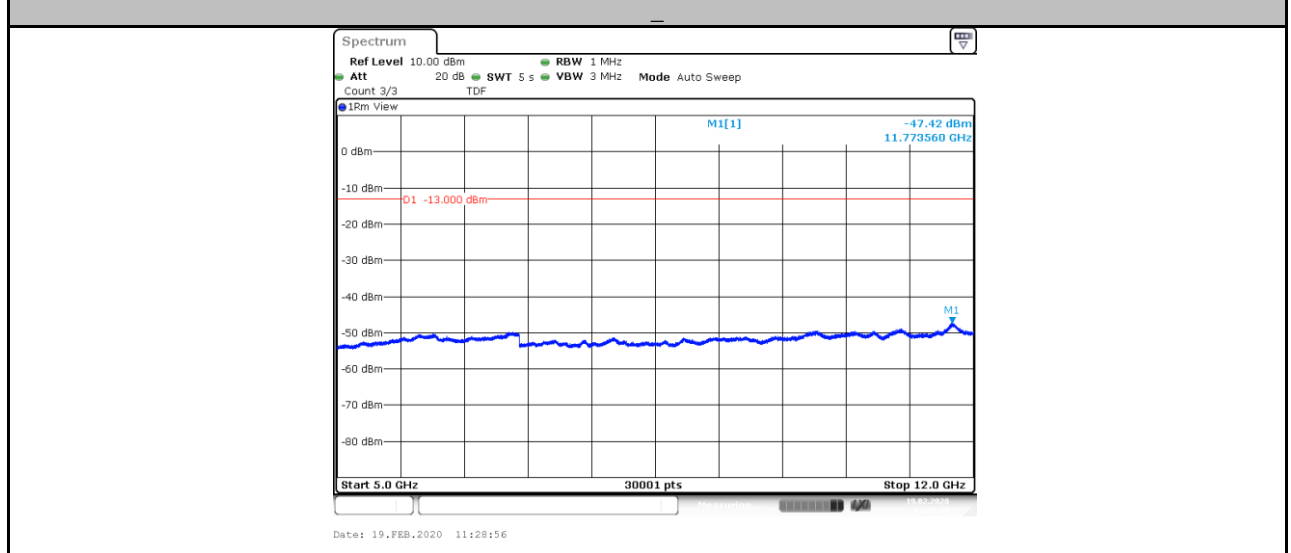
Band5	Stand-Alone	NaN	QPSK	20525	1@47	3.75kHz	5000	12000	5000~12000MHz@-47.69dBm	-13	PASS
Band5	Stand-Alone	NaN	QPSK	20525	1@0	3.75kHz	30	1000	30~1000MHz@-35.67dBm	-13	PASS

### Test Graphs

Band5\_Stand-Alone\_NaN\_QPSK\_20401\_12@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.91dBm\_-13\_PASS\_\_

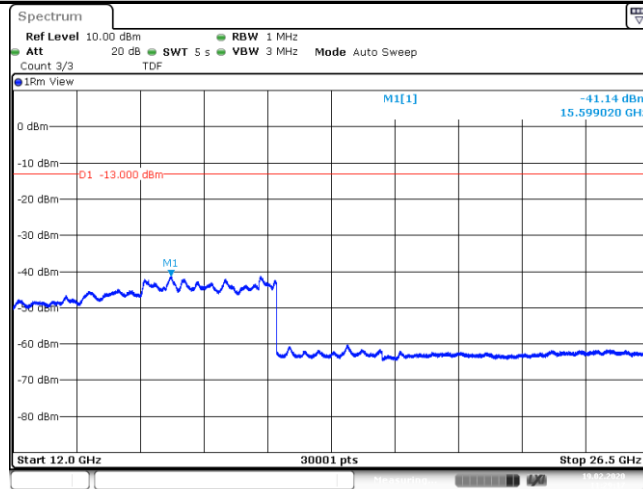


Band5\_Stand-Alone\_NaN\_QPSK\_20401\_12@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.42dBm\_-13\_PASS\_\_



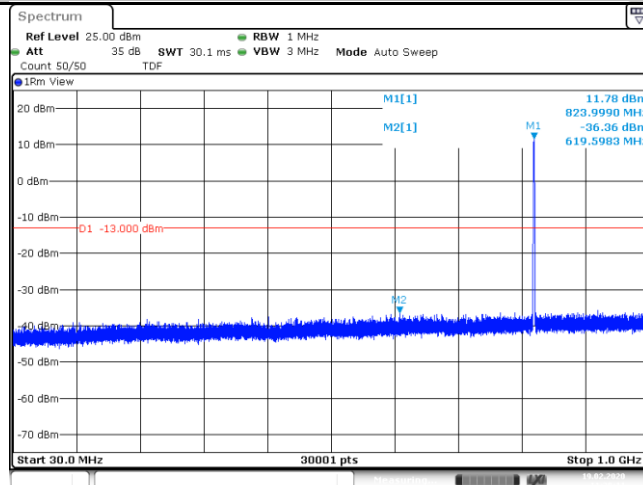


Band5\_Stand-Alone\_NaN\_QPSK\_20401\_12@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.14dBm\_-13\_PAS  
 S



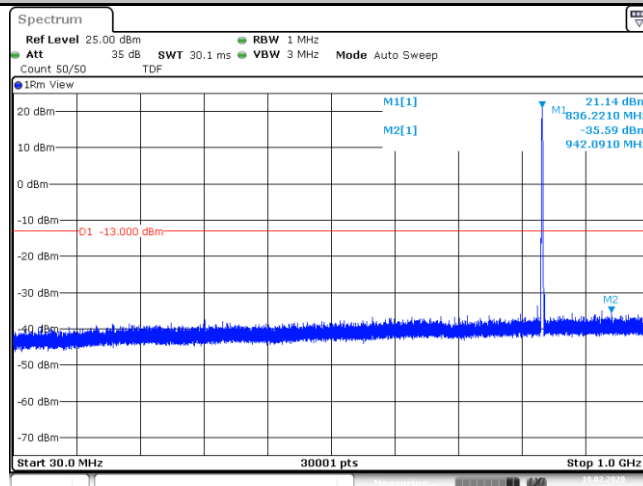
Date: 19.FEB.2020 11:29:18

Band5\_Stand-Alone\_NaN\_QPSK\_20401\_12@0\_15kHz\_30\_1000\_30~1000MHz@-36.36dBm\_-13\_PASS



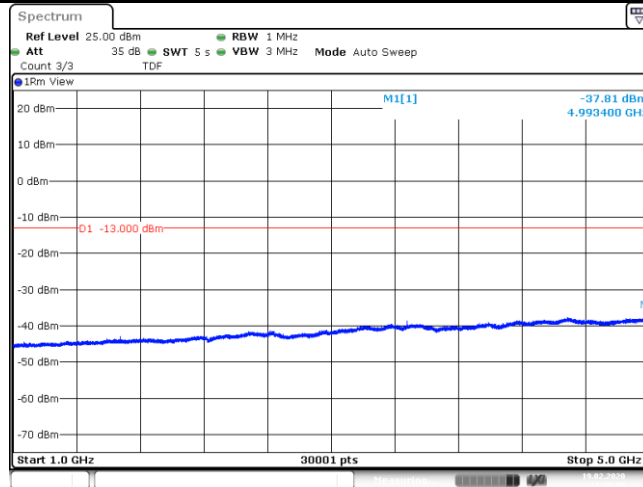
Date: 19.FEB.2020 11:28:12

Band5\_Stand-Alone\_NaN\_QPSK\_20525\_12@0\_15kHz\_30\_1000\_30~1000MHz@-35.59dBm\_-13\_PASS



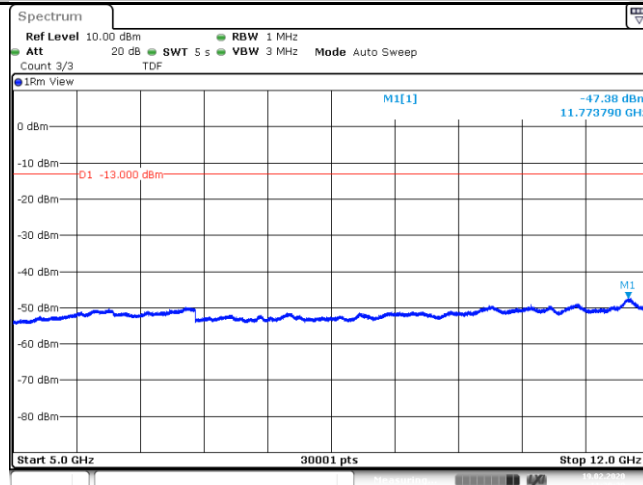
Date: 19.FEB.2020 11:29:46

Band5\_Stand-Alone\_NaN\_QPSK\_20525\_12@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.81dBm\_-13\_PASS\_\_



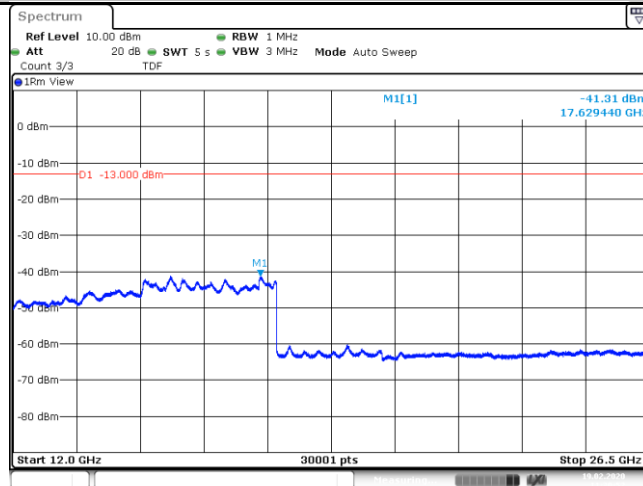
Date: 19.FEB.2020 11:30:08

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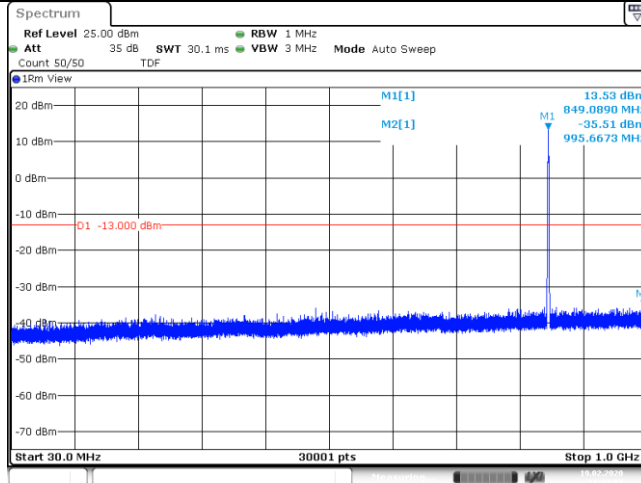
Date: 19.FEB.2020 11:30:30

Band5\_Stand-Alone\_NaN\_QPSK\_20525\_12@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.31dBm\_-13\_PAS S\_\_



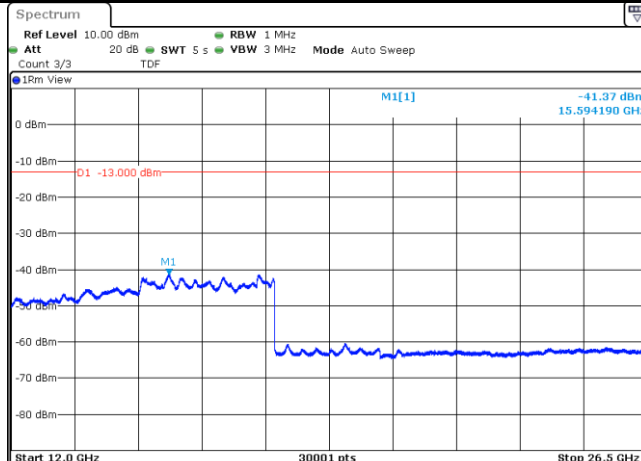
Date: 19.FEB.2020 11:30:52

Band5\_Stand-Alone\_NaN\_QPSK\_20649\_12@0\_15kHz\_30\_1000\_30~1000MHz@-35.51dBm\_-13\_PASS\_\_



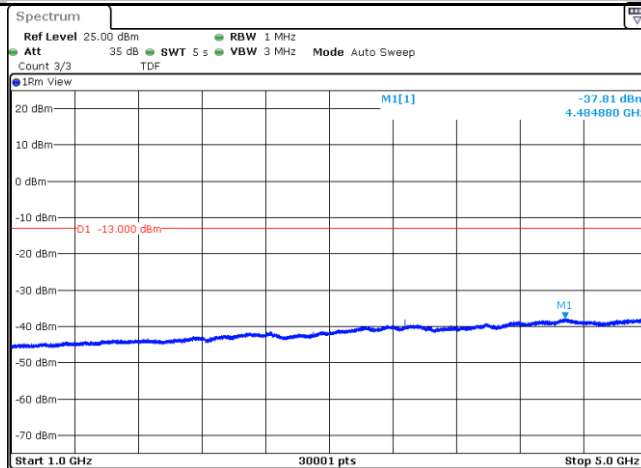
Date: 19.FEB.2020 11:32:03

Band5\_Stand-Alone\_NaN\_QPSK\_20649\_12@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.37dBm\_-13\_PAS  
 S\_\_



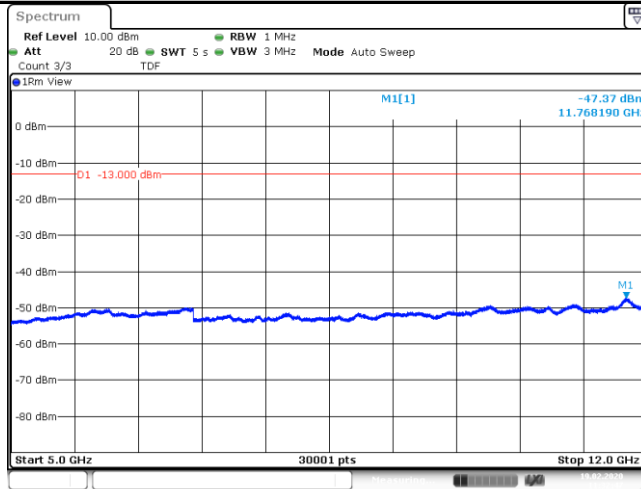
Date: 19.FEB.2020 11:33:09

Band5\_Stand-Alone\_NaN\_QPSK\_20649\_12@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.81dBm\_-13\_PASS\_\_



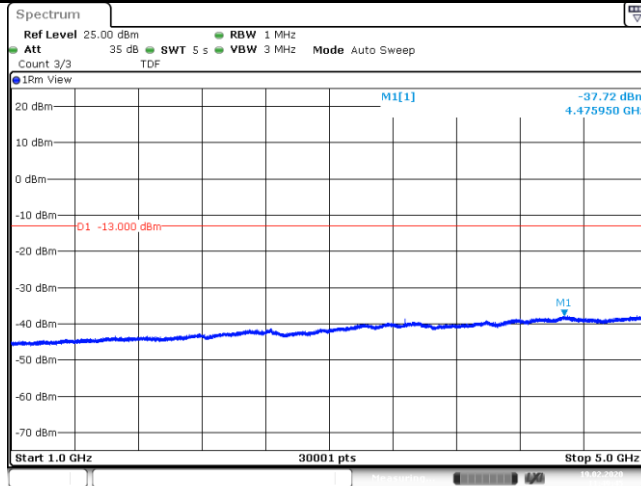
Date: 19.FEB.2020 11:32:25

Band5\_Stand-Alone\_NaN\_QPSK\_20649\_12@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.37dBm\_-13\_PASS\_



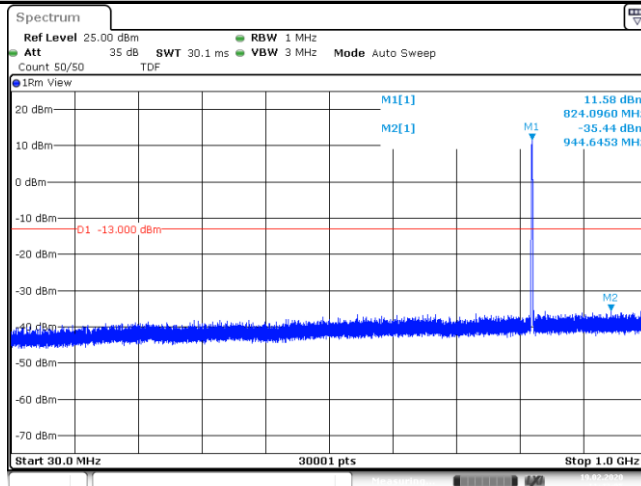
Date: 19.FEB.2020 11:32:47

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@11\_15kHz\_1000\_5000\_1000~5000MHz@-37.72dBm\_-13\_PASS\_



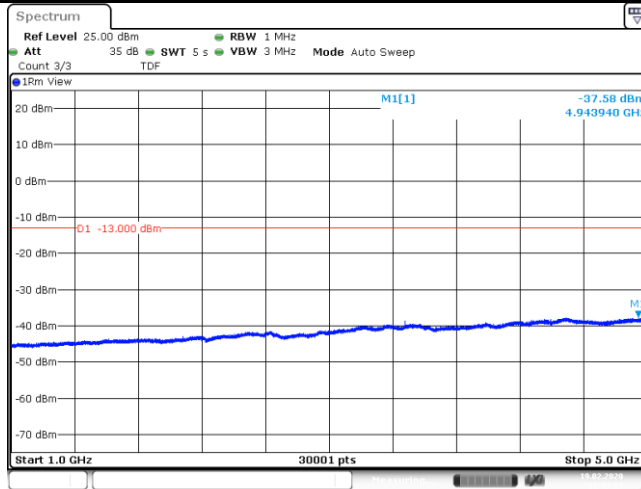
Date: 19.FEB.2020 11:49:46

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_30\_1000\_30~1000MHz@-35.44dBm\_-13\_PASS\_



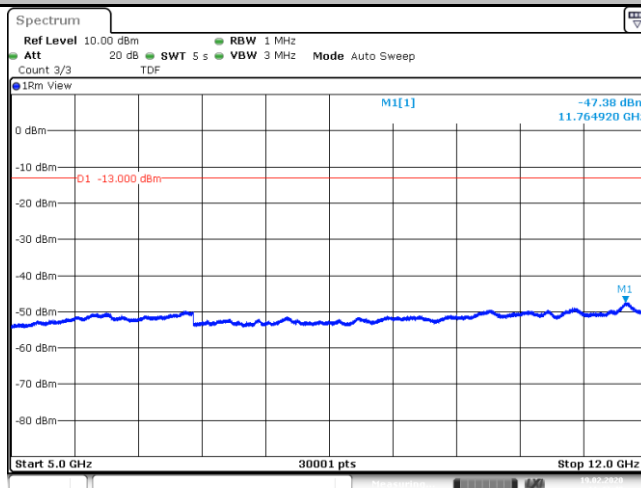
Date: 19.FEB.2020 11:43:06

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_1000\_5000\_1000~5000MHz@-37.58dBm\_-13\_PASS\_



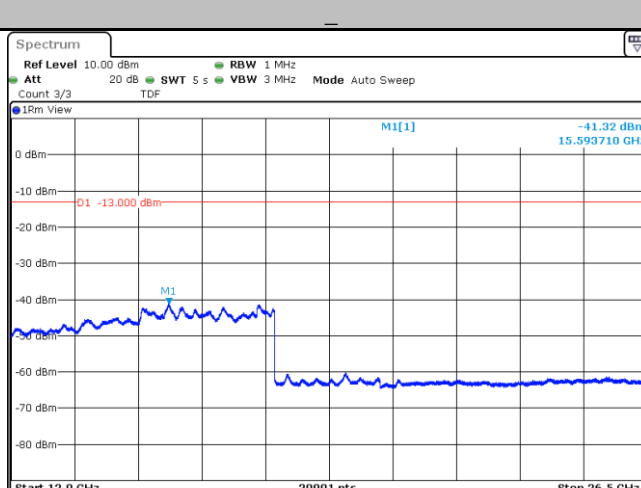
Date: 19.FEB.2020 11:43:28

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_5000\_12000\_5000~12000MHz@-47.38dBm\_-13\_PASS\_



Date: 19.FEB.2020 11:43:50

Band5\_Stand-Alone\_NaN\_BPSK\_20401\_1@0\_15kHz\_12000\_26500\_12000~26500MHz@-41.32dBm\_-13\_PASS\_



Date: 19.FEB.2020 11:44:12